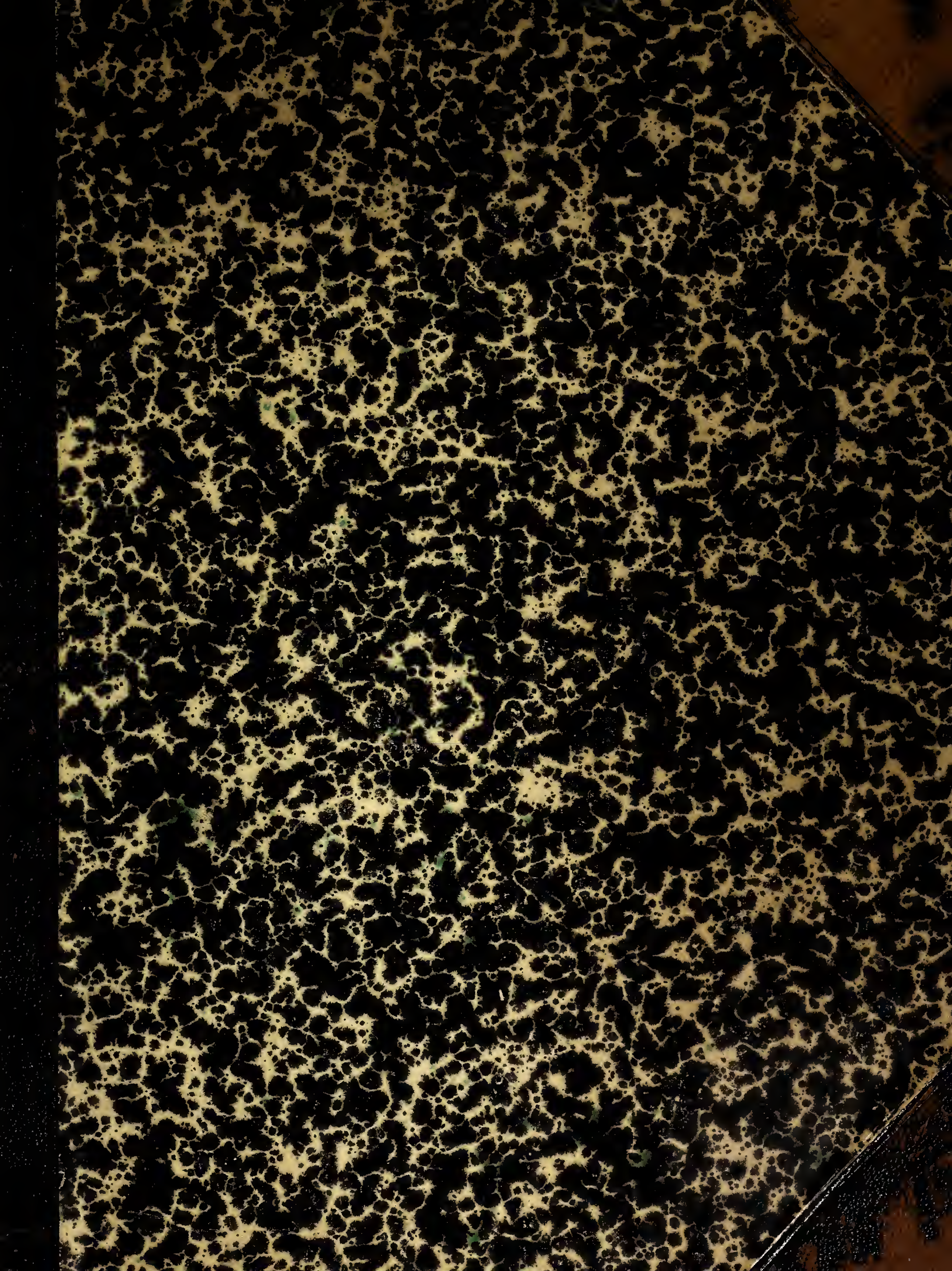
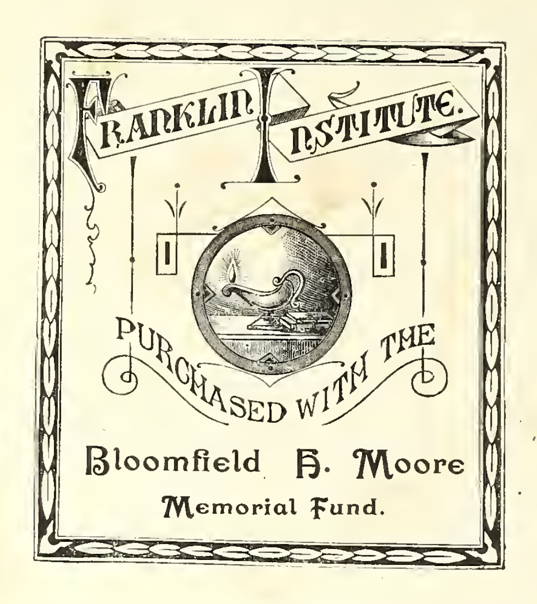




obtained the sanction of the Committee. The second class shall include those books intended for circulation.

ARTICLE VI.—The Secretary shall have authority to loan to Members and to holders of second class stock, any work belonging to the SECOND CLASS, subject to the following regulations:

Section 1.—No individual shall be permitted to have more than *two books* out at one time, without a written permission, signed by at least two members of the Library Committe; nor shall a book be kept out more than TWO WEEKS; but if no one has applied for it, the former borrower may renew the loan. Should any person have applied for it, the latter shall have the preference.

Section 2.—A FINE OF TEN CENTS PER WEEK shall be exacted for the detention of a book beyond the limited time; and if a book be not returned within three months it shall be deemed lost, and the borrower shall, in addition to his fines, forfeit its valne.

Section 3.—Should any book be returned injured, the borrower shall pay for the injury, or replace the book, as the Library Committee may direct; and if one or more books, belonging to a set or sets, be lost, the borrower shall replace them or make full restitution.

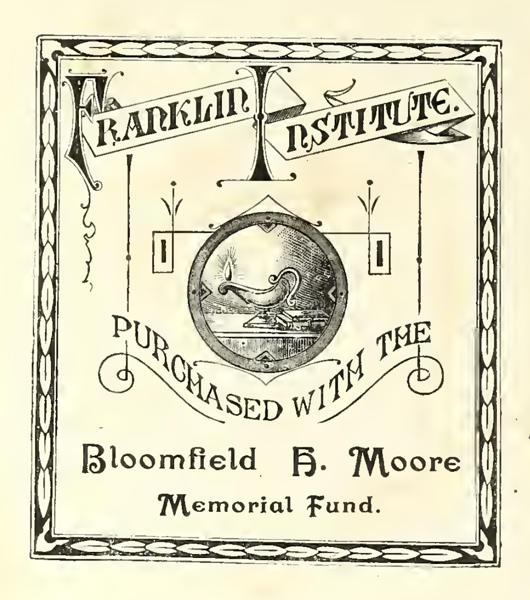
ARTICLE VII.—Any person removing from the Hall, without permission from the proper authorities, any book, newspaper or other property in charge of the Library Committee, shall be reported to the Committee, who may inflict any fine not exceeding twenty-five dollars.

ARTICLE VIII.—No member or holder of second class stock, whose annual contribution for the current year shall be unpaid or who is in arrears for fines, shall be entitled to the privileges of the Library or Reading Room.

ARTICLE IX.—If any member or holder of second class stock, shall refuse or neglect to comply with the foregoing rules, it shall be the duty of the Secretary to report him to the Committee on the Library.

ARTICLE X.—Any Member or holder of second class stock, detected in mutilating the newspapers, pamphlets or books belonging to the Institute shall be deprived of his right of membership, and the name of the offender shall be made public.





obtained the sanction of the Committee. The second class shall include those books intended for circulation.

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Section 2.—A fine of ten cents per week shall be exacted for the detention of a book beyond the limited time; and if a book be not returned within three months it shall be deemed lost, and the borrower shall, in addition to his fines, forfeit its value.

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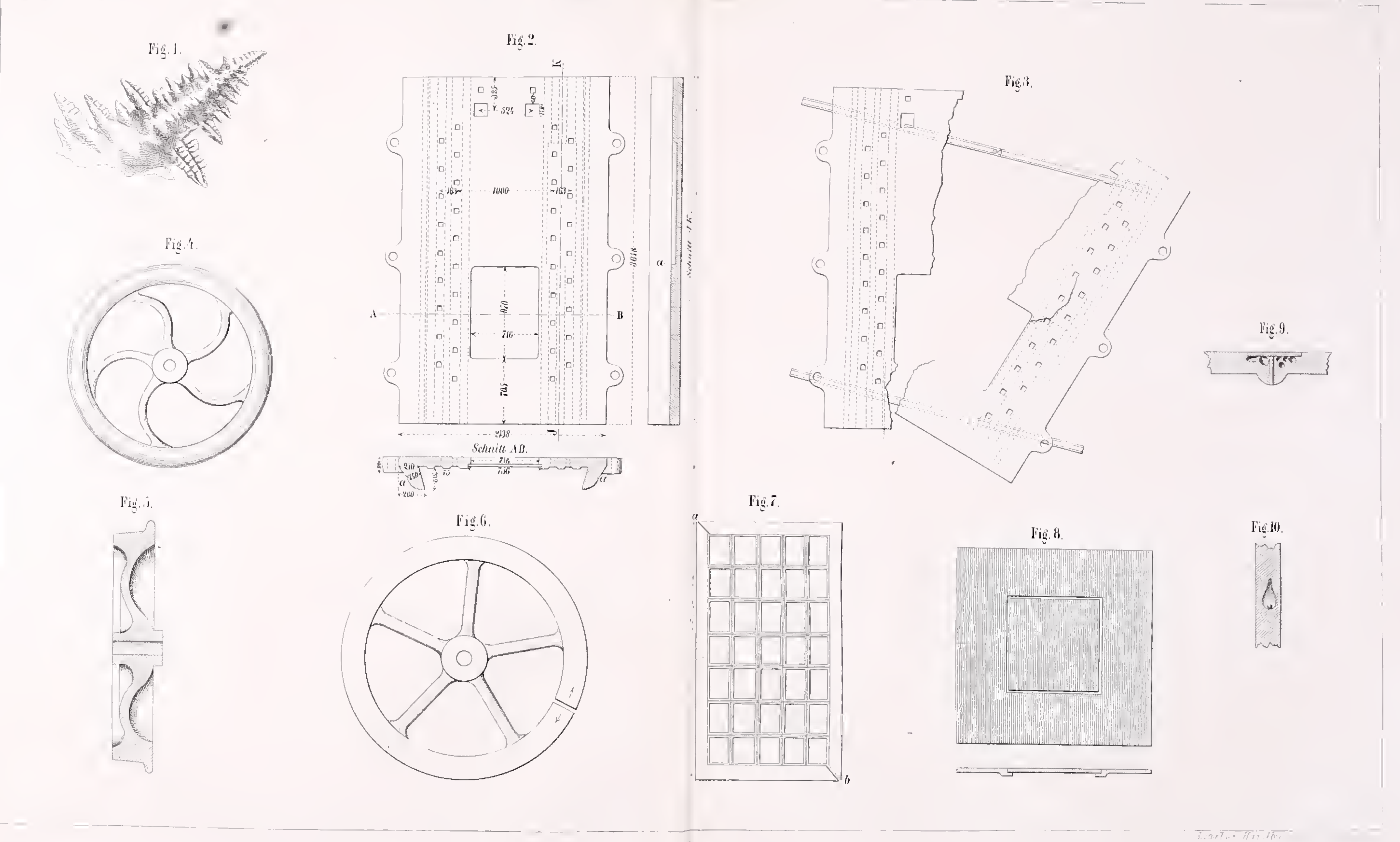


Uebersicht

der im Atlas enthaltenen Abbildungen mit Hinweis auf den Text.

Druck von B. F. Voigt in Weimar.




Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Schnitt AB.
A
B

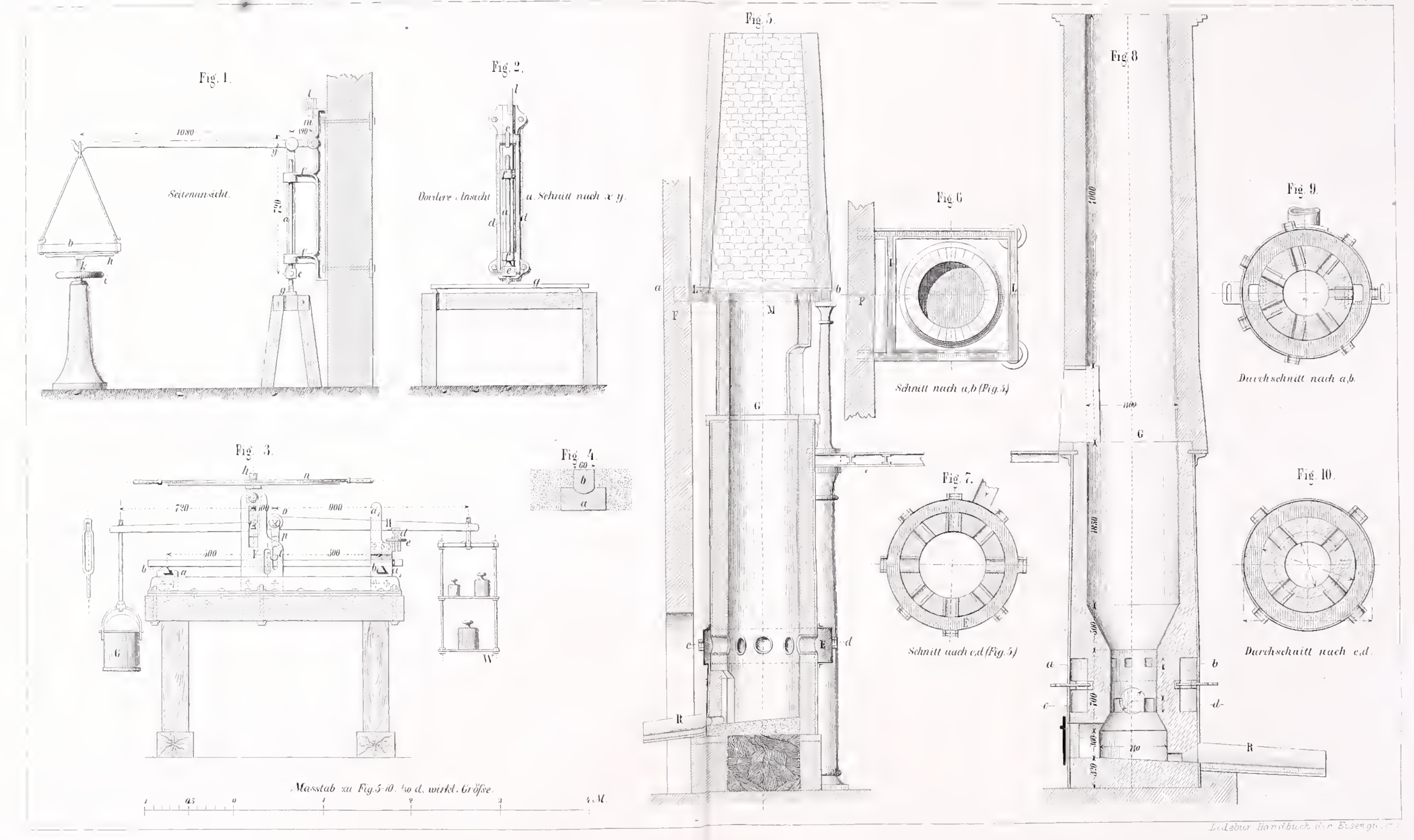
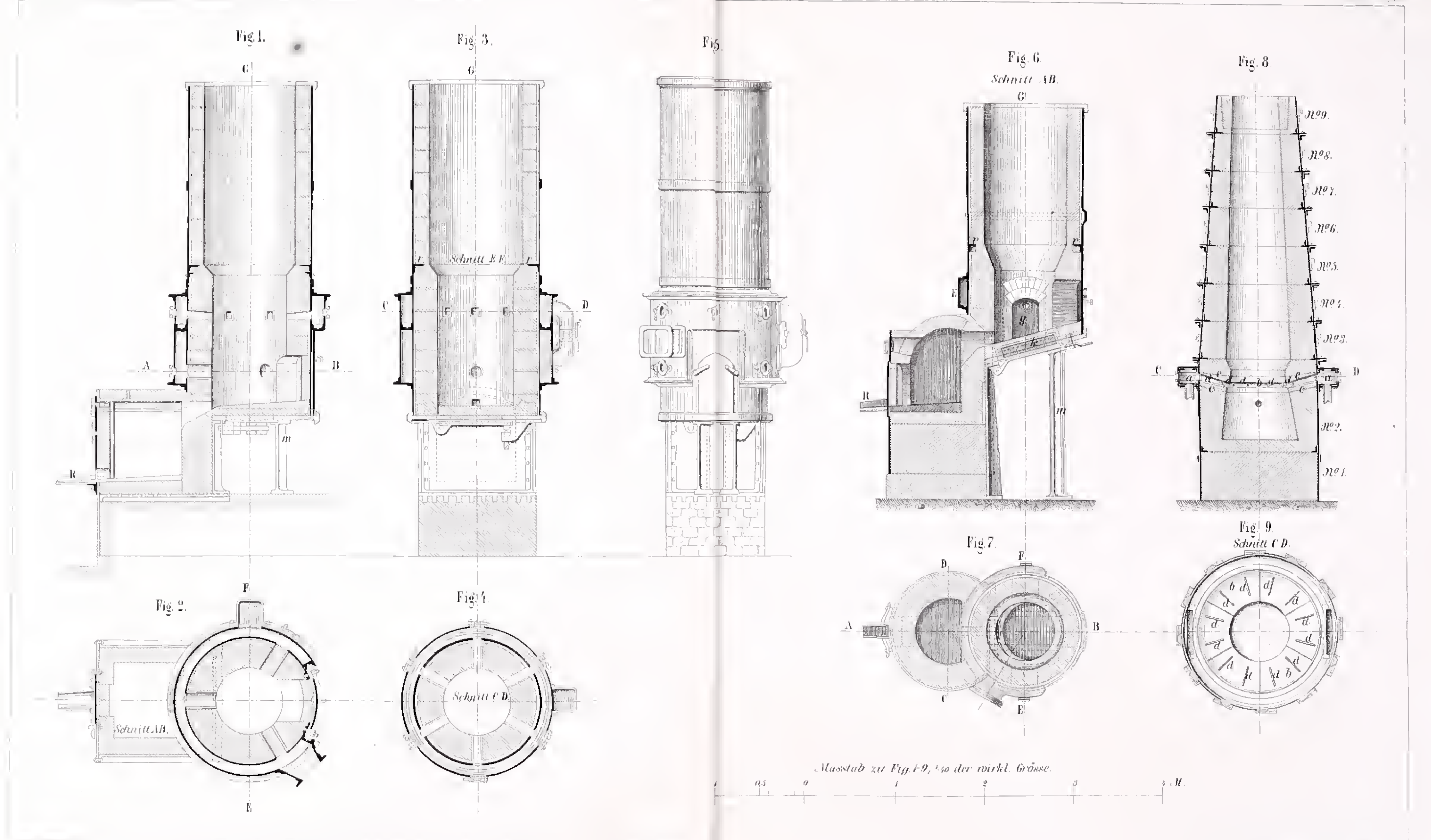
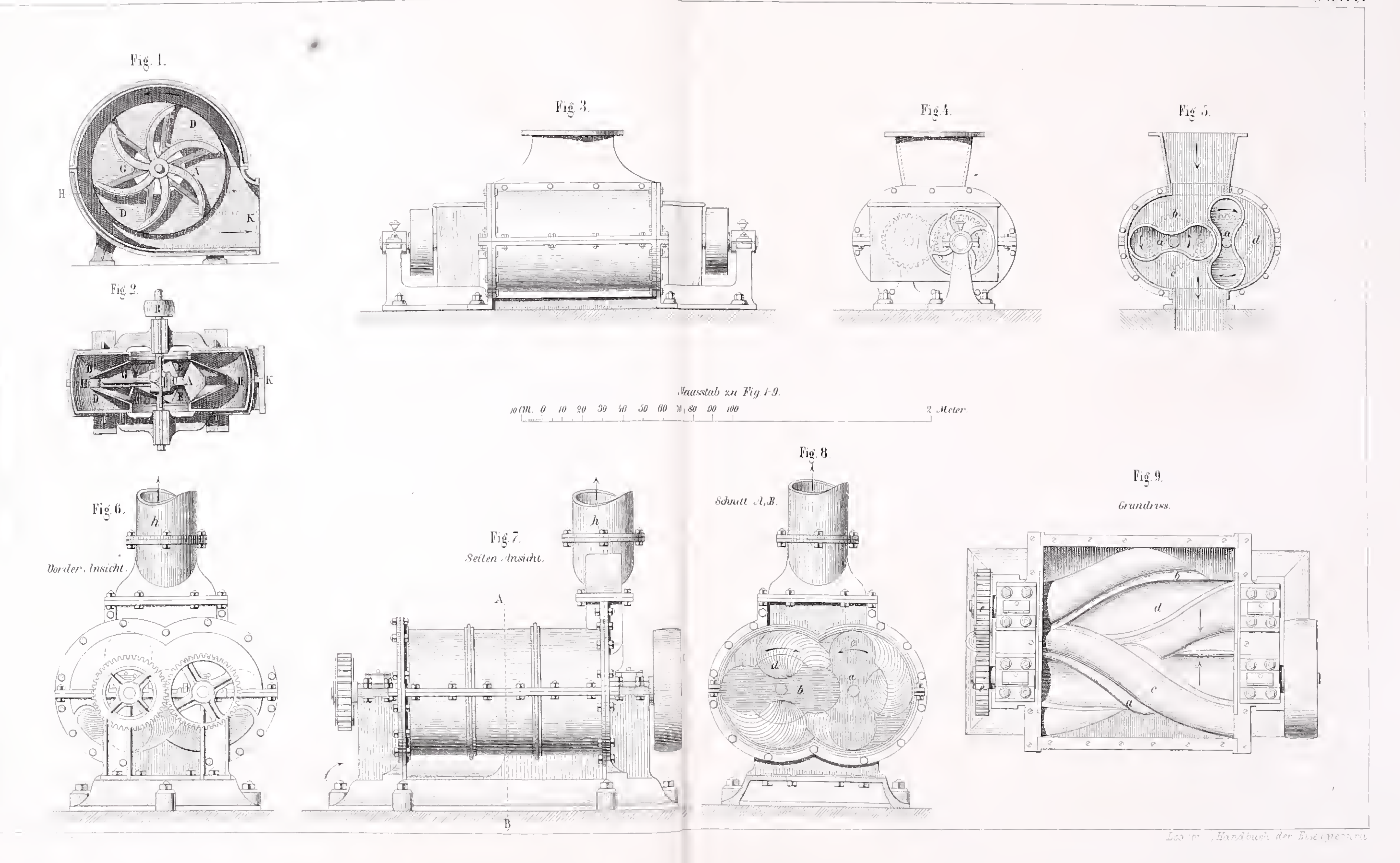


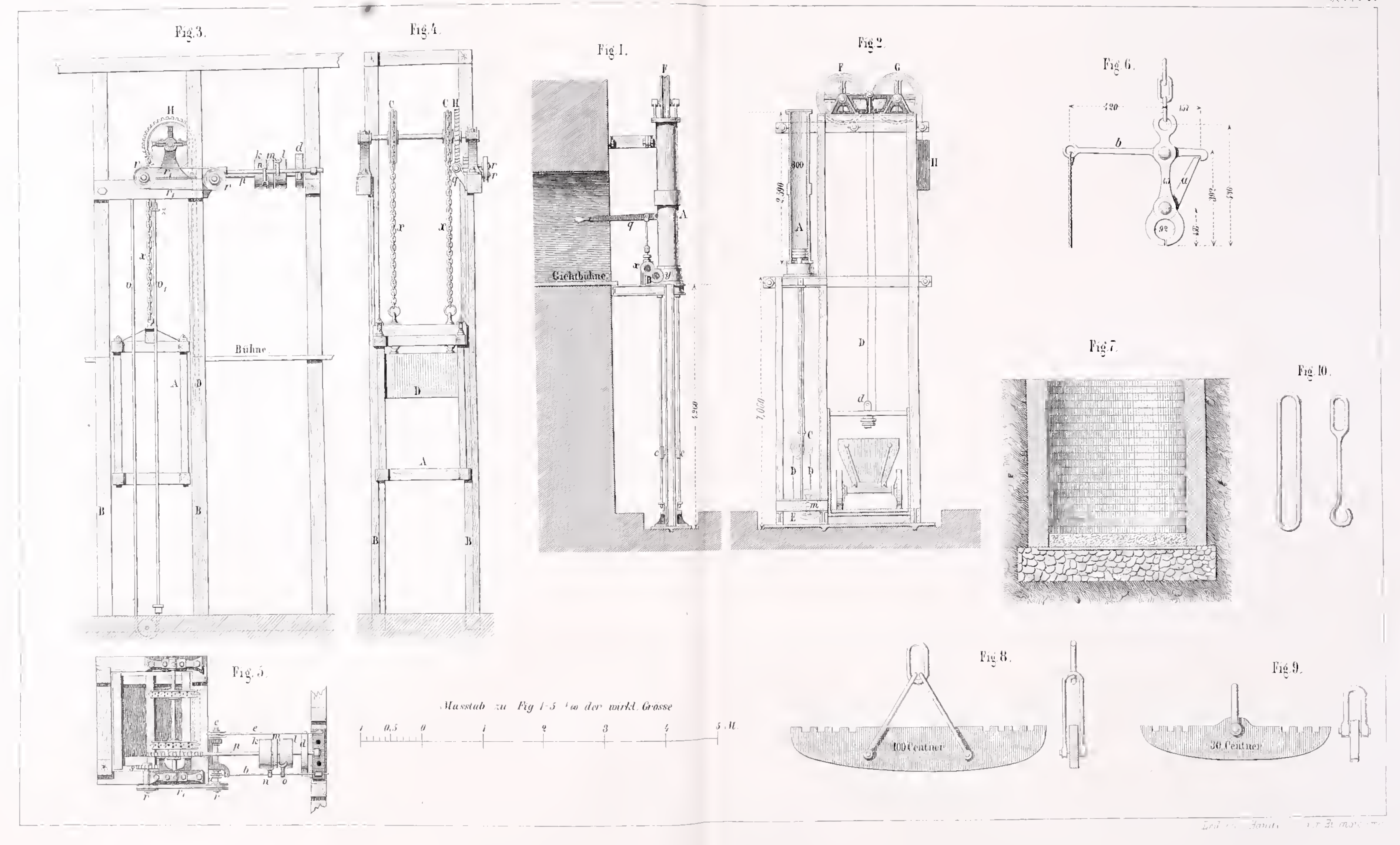
Fig. 1.
Seitenansicht.
Fig. 2.
Vordere Ansicht
a. Schnitt nach x y.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6
Schnitt nach a,b (Fig. 5)
Fig. 7.
Schnitt nach c,d (Fig. 5)
Fig. 8
Fig. 9.
Durchschnitt nach a,b.
Fig. 10.
Durchschnitt nach c,d.
Masstab zu Fig. 5-10. 1/50 d. wirkl. Grösse.

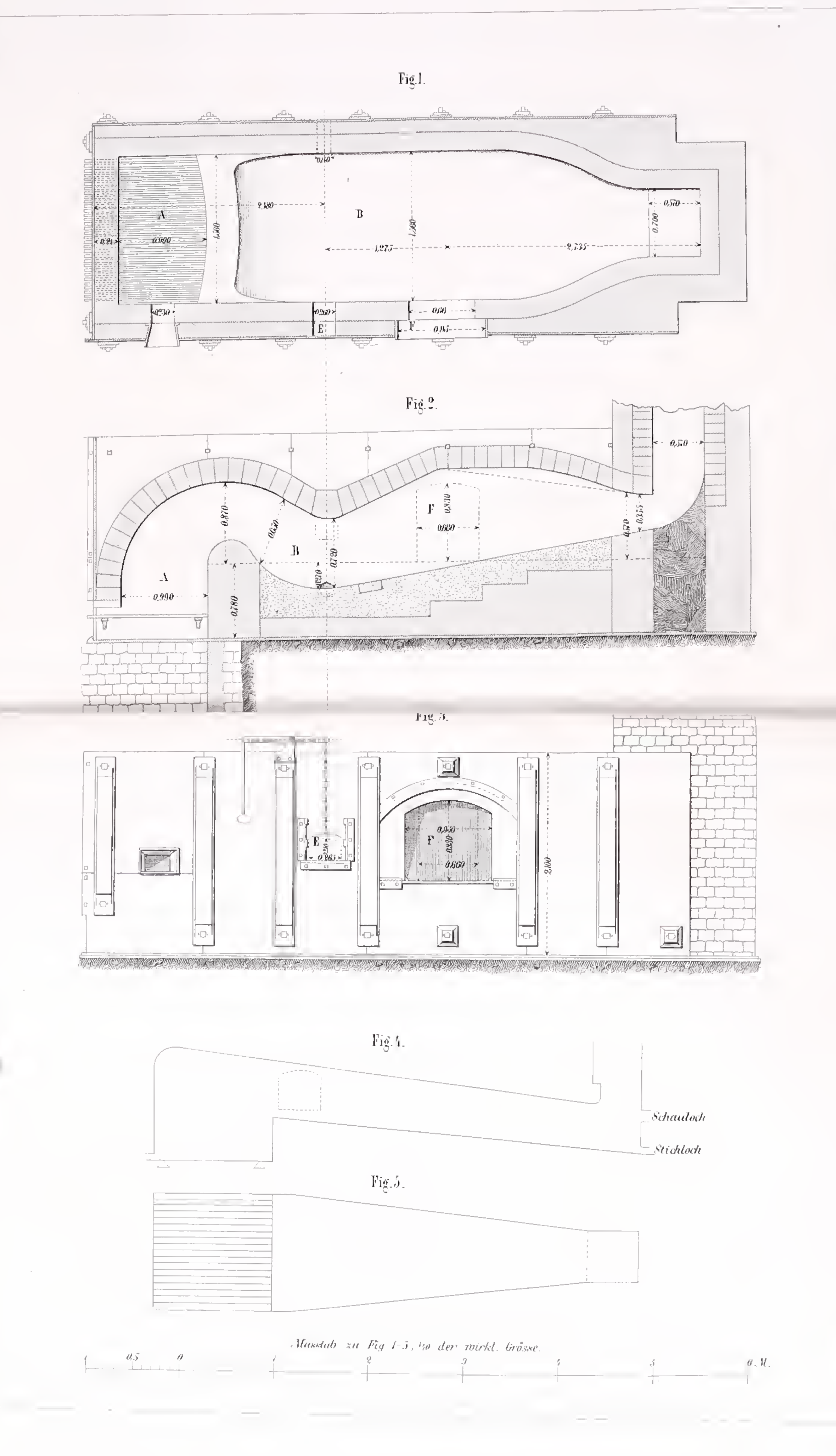
TAF. III.


Fig. 1.
Fig. 2.
Schnitt AB.
Fig. 3.
Schnitt EF.
Fig. 4.
Schnitt CD.
Fig. 5.
Fig. 6.
Schnitt AB.
Fig. 7.
Fig. 8.
Fig. 9.
Schnitt CD.
Masstab zu Fig. 1-9, 1/40 der wirkl. Grösse.

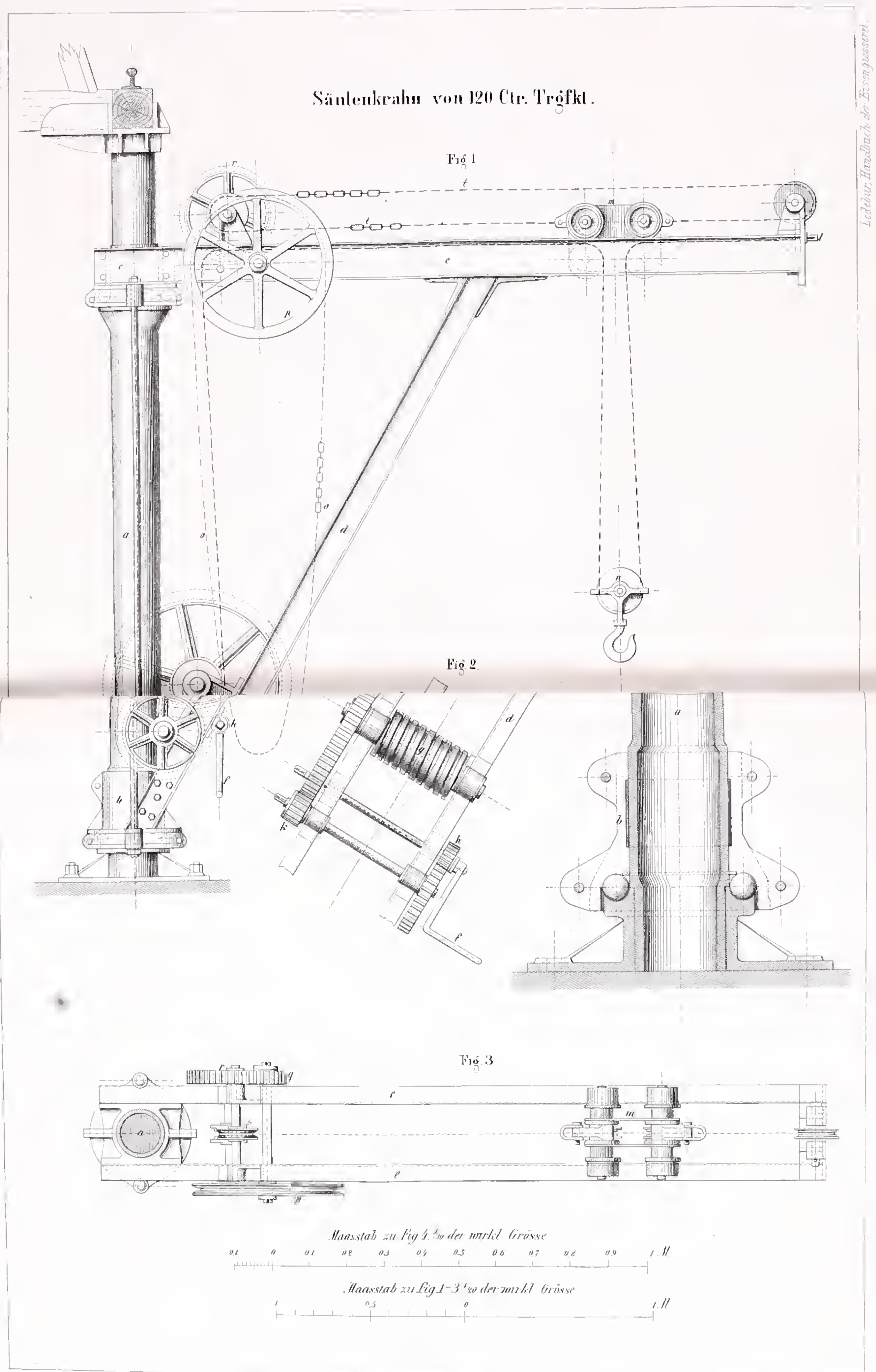

Fig. 1.
D
G
A
H
D
K
Fig. 2.
R
D
G
A
H
K
D
Fig. 3.
Fig. 4.
Fig. 5.
b
a
a
d
c
Maasstab zu Fig. 1-9.
10 CM. 0 10 20 30 40 50 60 70 80 90 100
2 Meter.
Fig. 6.
Vorder-Ansicht.
h
Fig. 7.
Seiten-Ansicht.
h
A
B
Fig. 8
Schnitt A, B.
d
b
a
Fig. 9.
Grundriss.
b
d
c
a

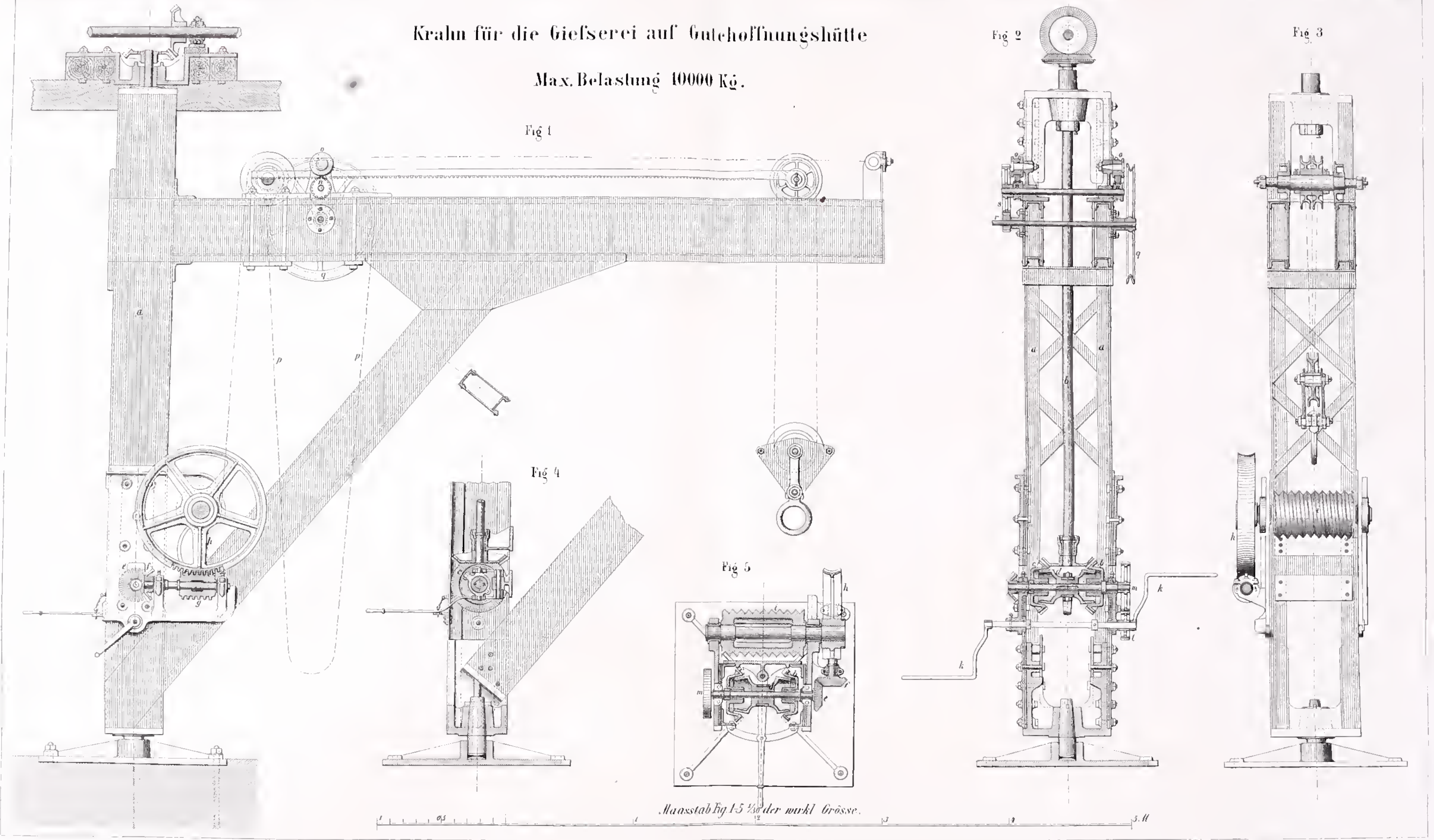



Fig. 3.
Fig. 4.
Fig. 1.
Fig. 2.
Fig. 6.
Fig. 7.
Fig. 10.
Fig. 5.
Fig. 8.
Fig. 9.
Bühne
Gichtbühne
100 Centner
30 Centner
Masstab zu Fig. 1-5 der wirkl. Grösse

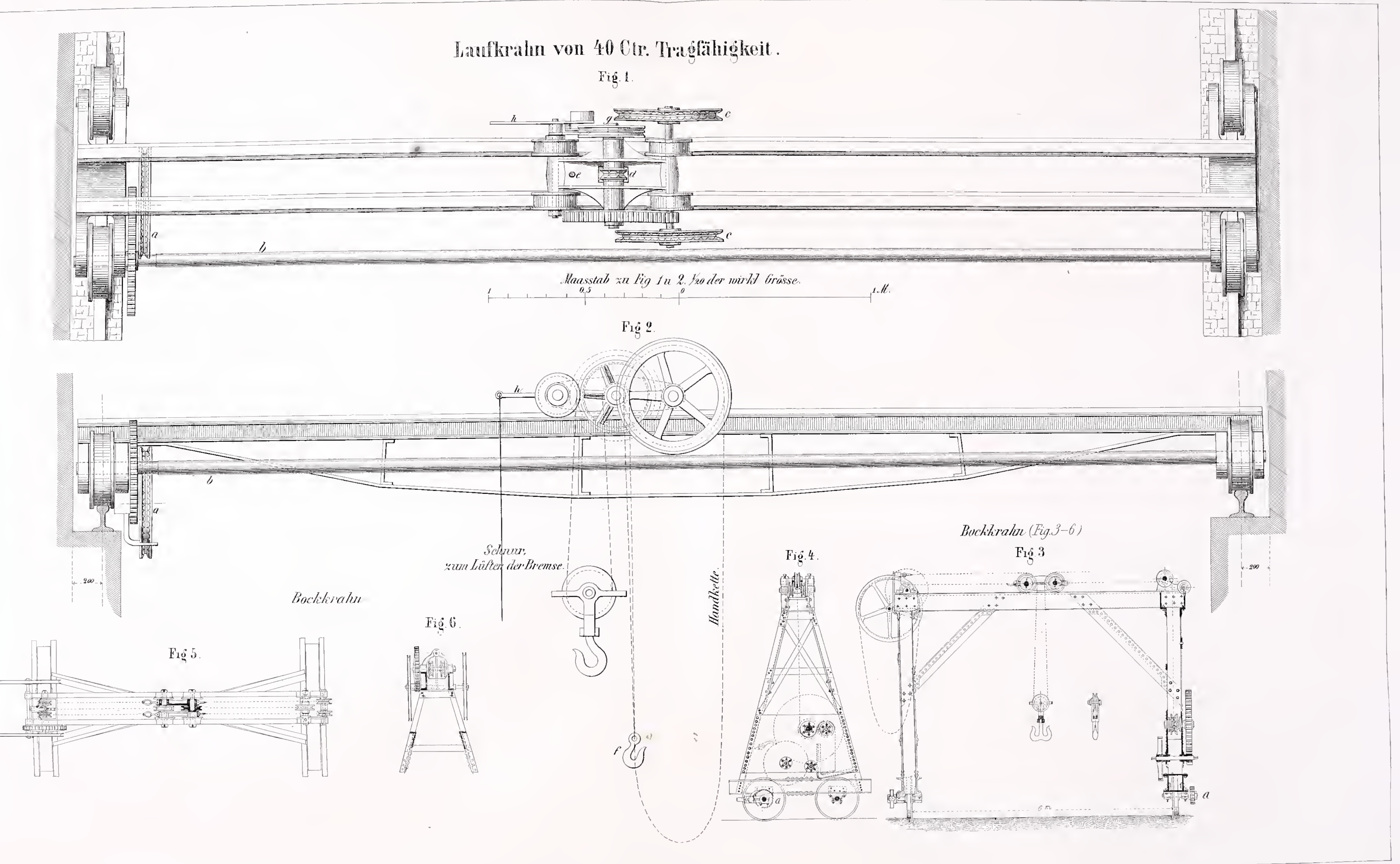

Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Schauloch
Stichloch
Fig. 5.
Masstab zu Fig 1-5, 1/40 der wirkl. Grösse.




Säulenkrahn von 120 Ctr. Trgfkt.
Fig 1
Fig 2
Fig 3
Maasstab zu Fig 4. 1/10 der wirkl. Grösse
Maasstab zu Fig 1–3 1/20 der wirkl. Grösse


Krahn für die Gießerei auf Gutehoffnungshütte
Max. Belastung 10000 Kg.
Fig 1
Fig 2
Fig 3
Fig 4
Fig 5
Maasstab Fig. 1-5 1/30 der wirkl. Grösse.




Laufkrahn von 40 Ctr. Tragfähigkeit.
Fig. 1.
Maasstab zu Fig 1 u 2. 1/20 der wirkl Grösse.
Fig 2.
Schnur zum Lüften der Bremse.
Handkette
Bockkrahn (Fig.3–6)
Fig 3
Fig. 4.
Bockkrahn
Fig 5.
Fig. 6.

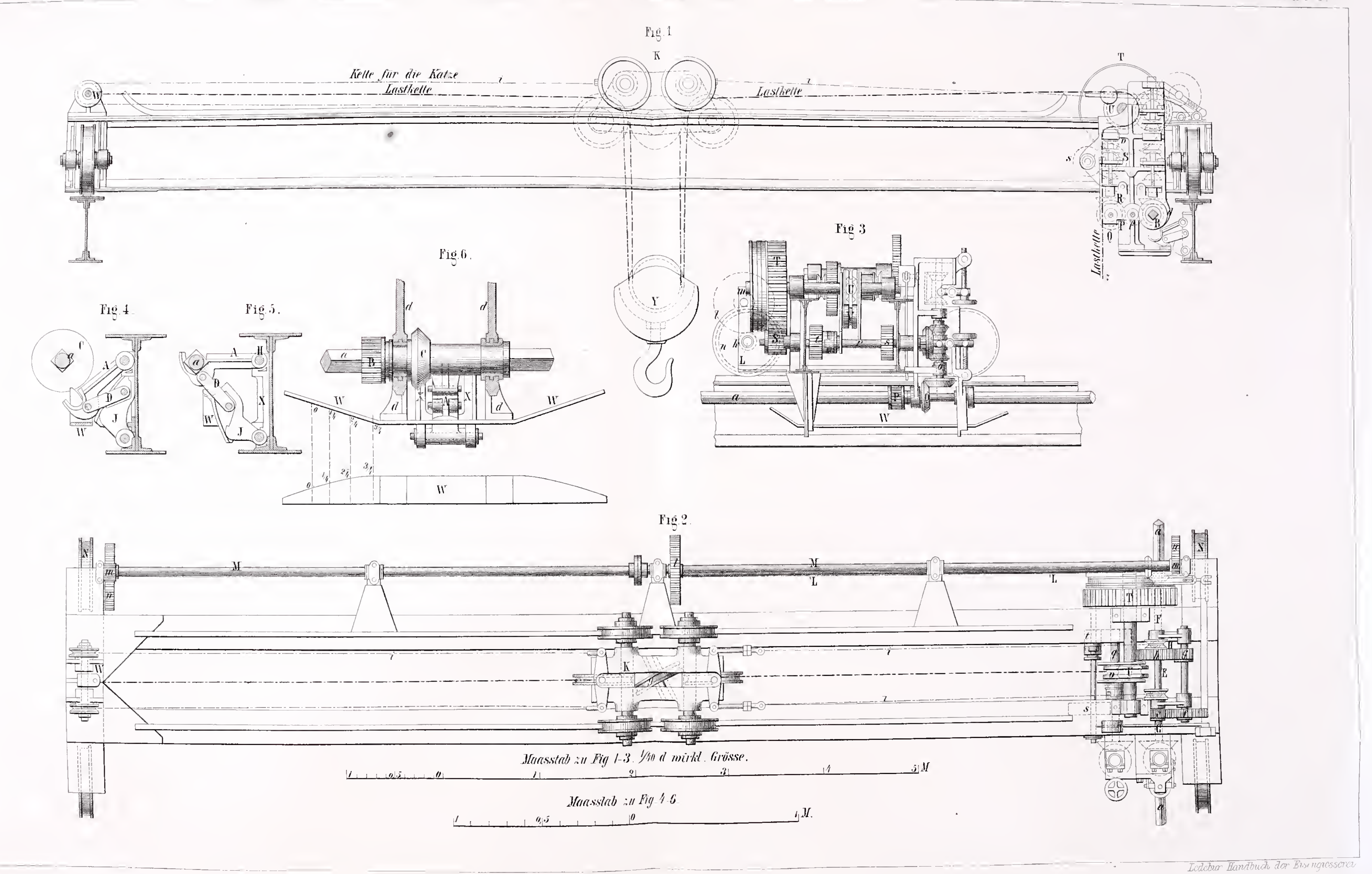
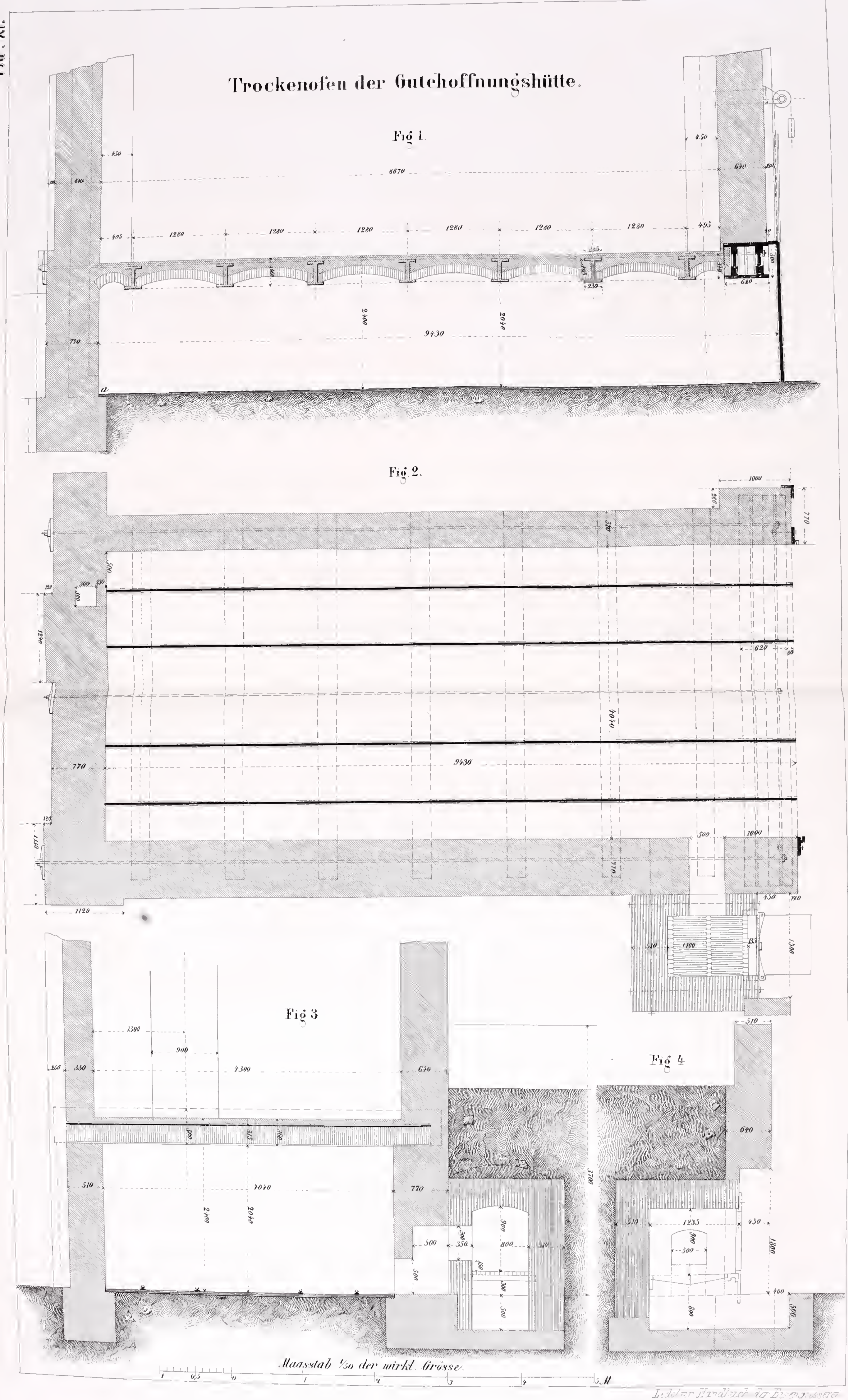


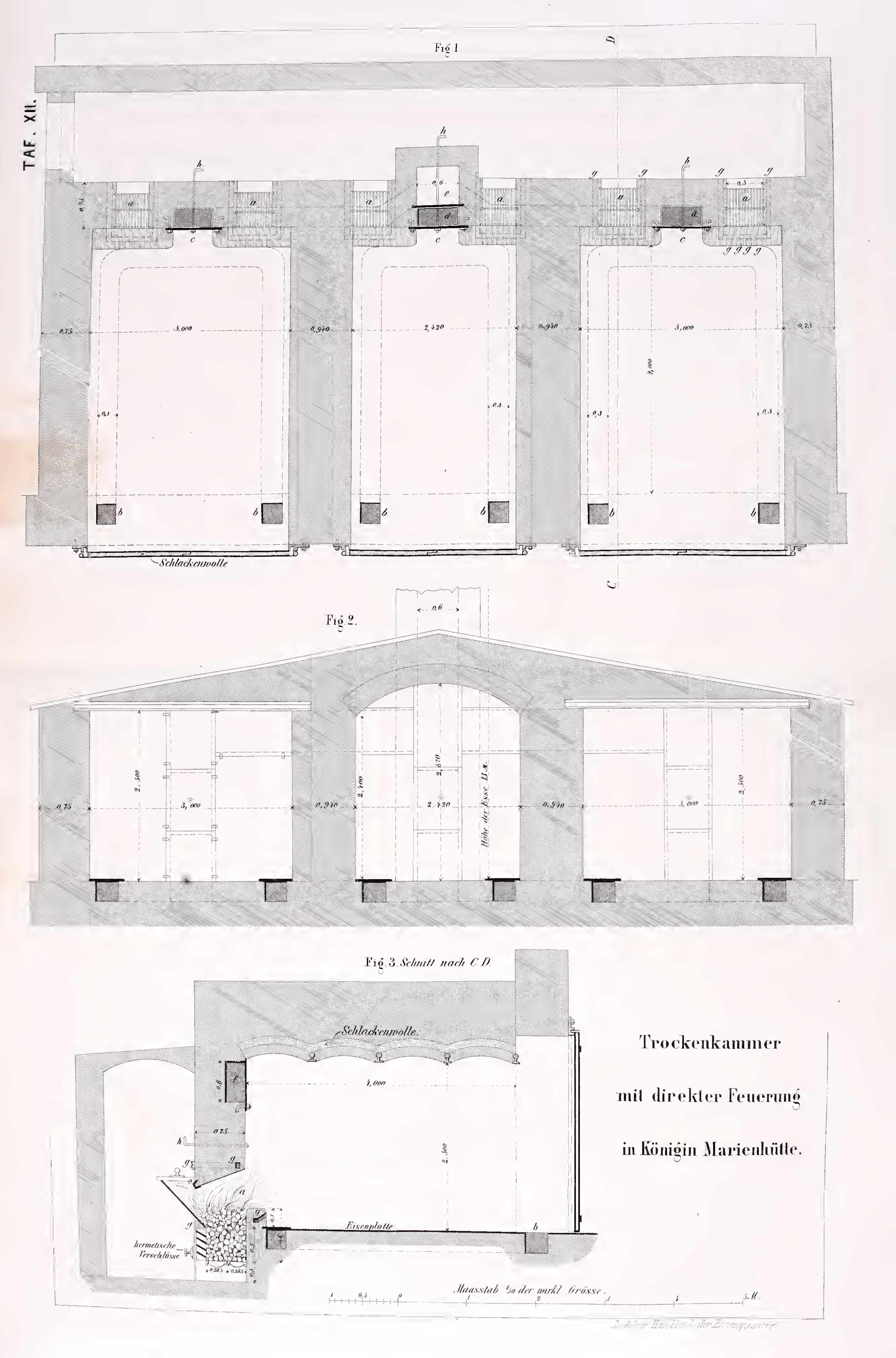
Fig. 1
Kette für die Katze
Lastkette
Lastkette
Lastkette
Fig. 3
Fig. 4
Fig. 5
Fig. 6
Fig. 2
Maasstab zu Fig 1-3. 1/40 d. wirkl. Grösse.
Maasstab zu Fig 4-6.





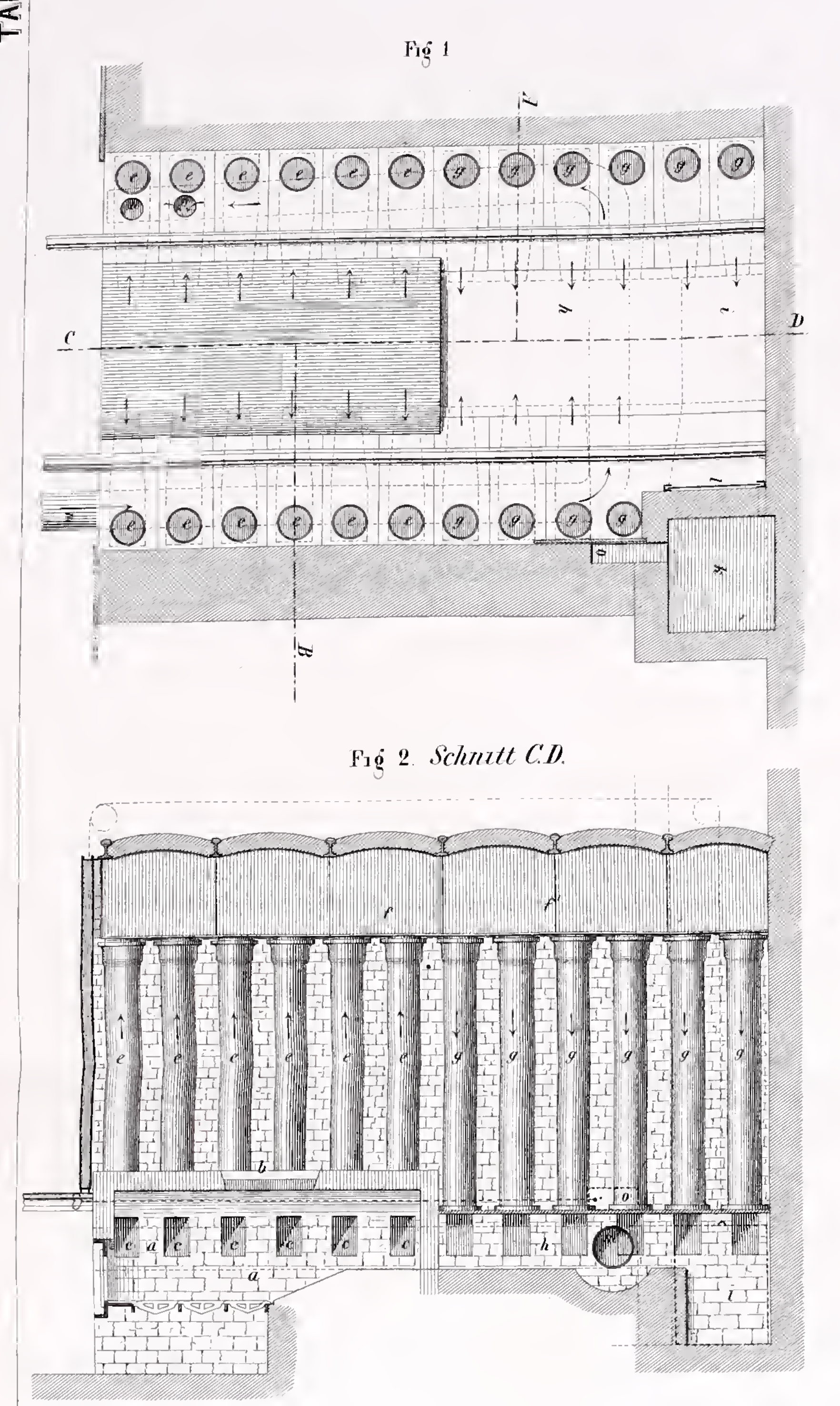
Trockenofen der Gutehoffnungshütte.
Fig. 1.
Fig. 2.
Fig. 3
Fig. 4
Maasstab 1/50 der wirkl. Grösse.

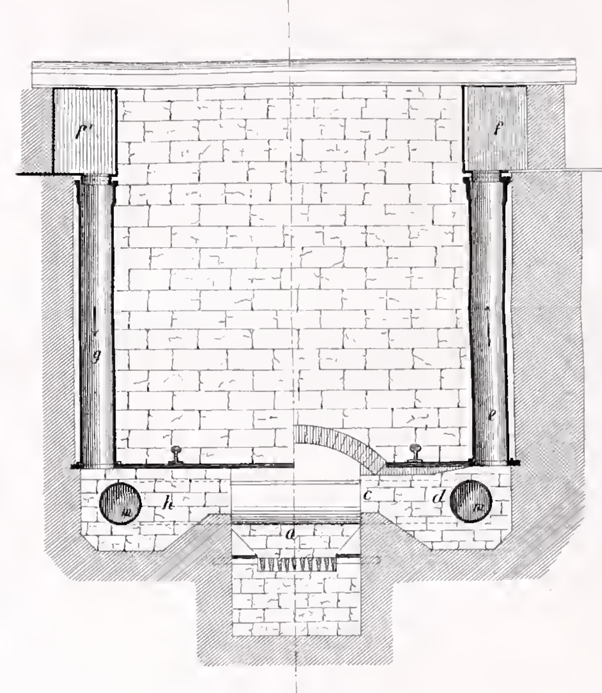




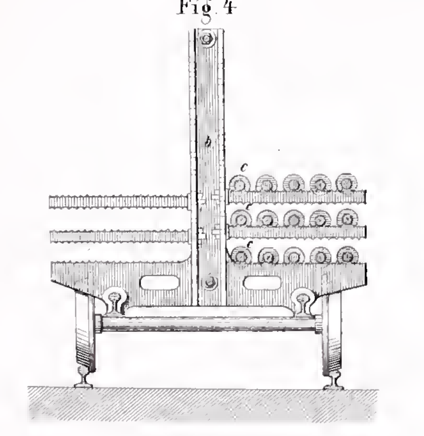
Trockenkammer mit direkter Feuerung in Königin Marienhütte.

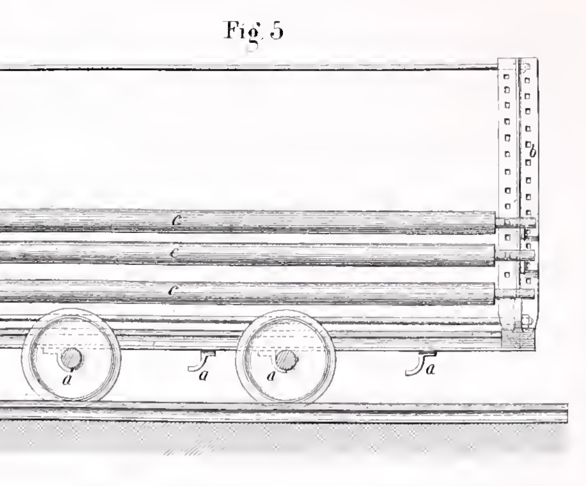
Trockenkammer mit indirekter Feuerung zu Königin Marienhütte.





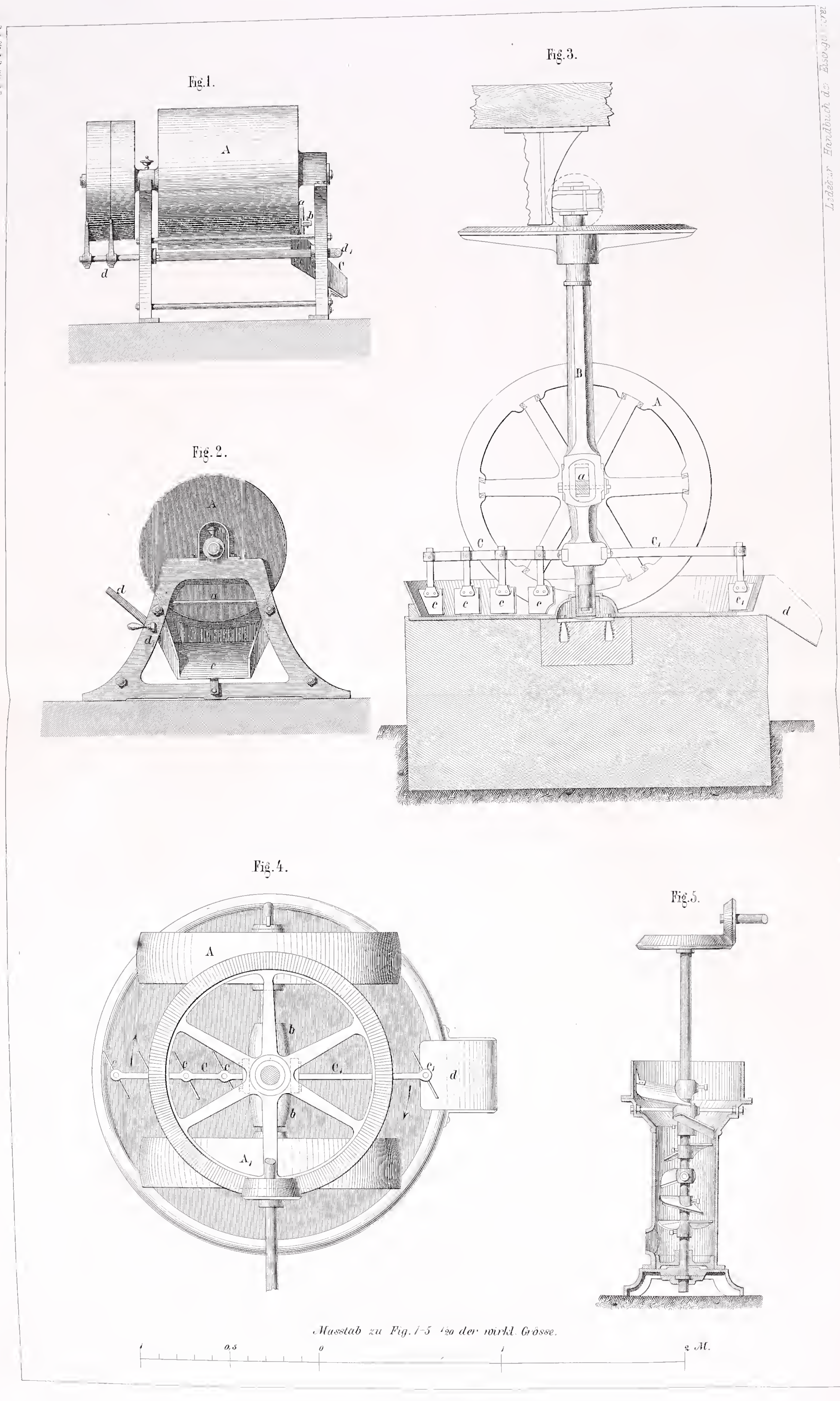
Trockenkammer = Wagen.

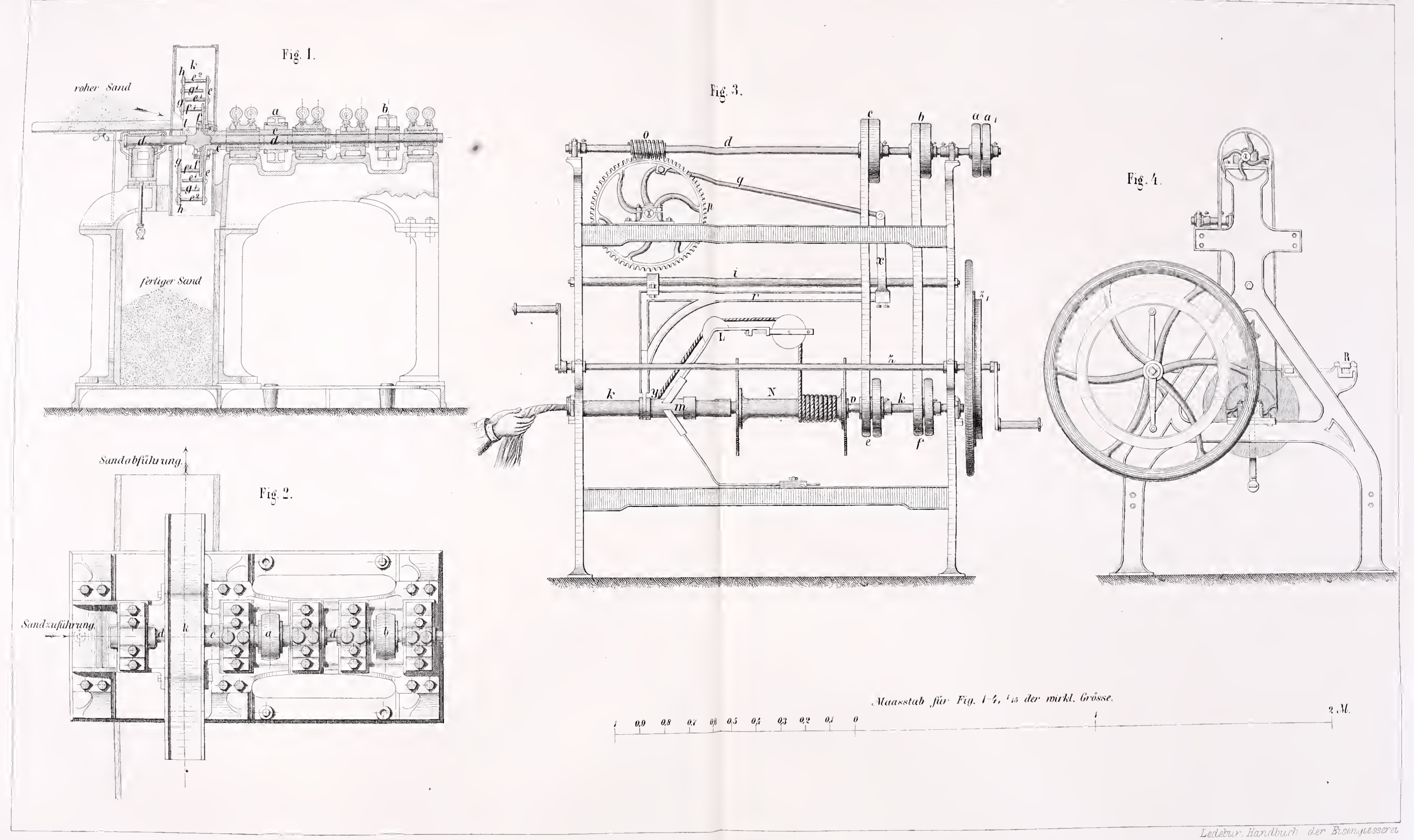


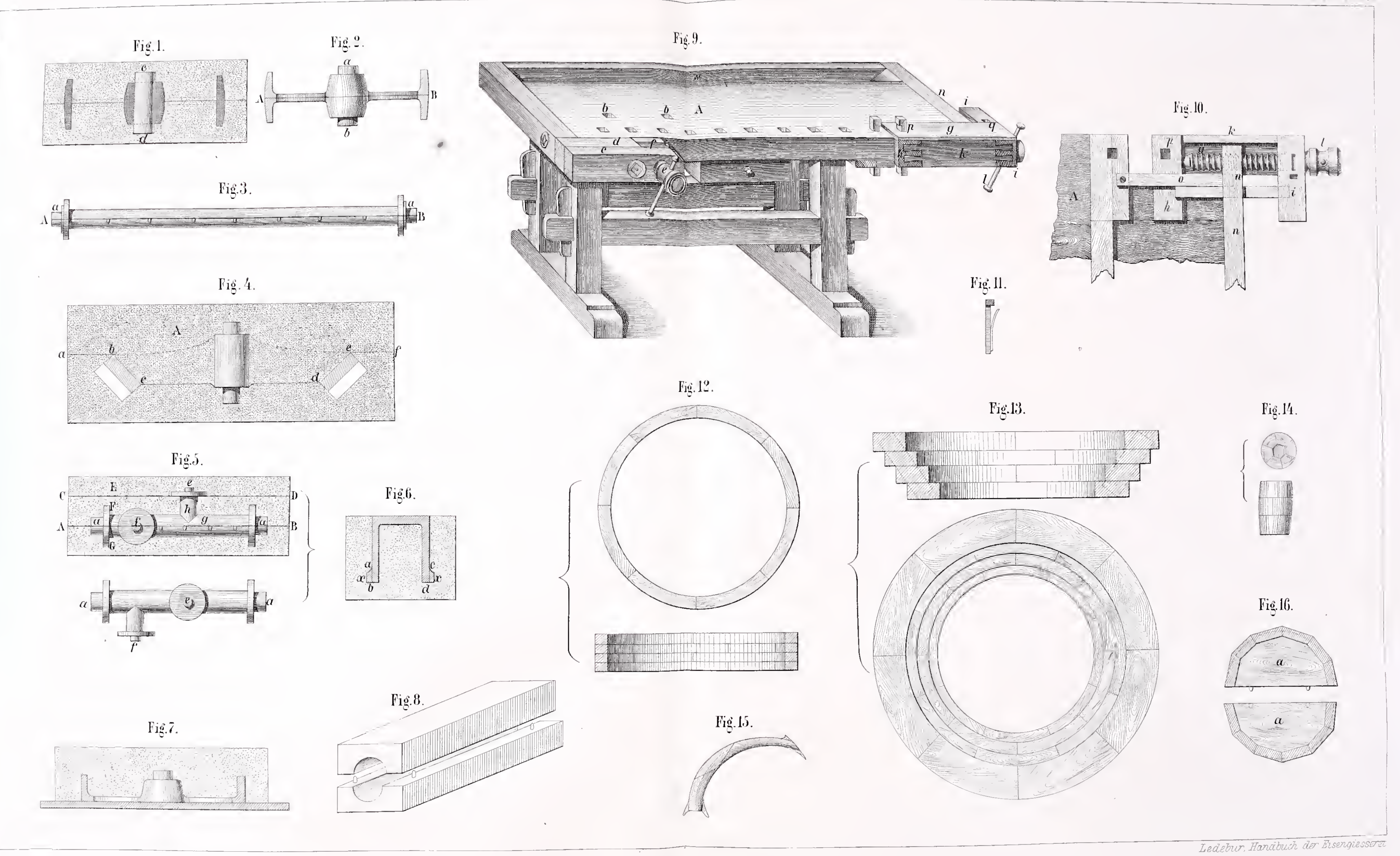


Maasstab zu Fig 1–5 1/40 der wirkl. Grösse.

1 0,5 0 1 2 3 4 5 6 M


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Masstab zu Fig. 1-5 1/20 der wirkl. Grösse.
1 0,5 0 1 2 M.


Fig. 1.
roher Sand
fertiger Sand
Fig. 2.
Sandabführung.
Sandzuführung.
Fig. 3.
Fig. 4.
Maasstab für Fig. 1–4, 1/15 der wirkl. Grösse.
2 M.


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Fig. 11.
Fig. 12.
Fig. 13.
Fig. 14.
Fig. 15.
Fig. 16.

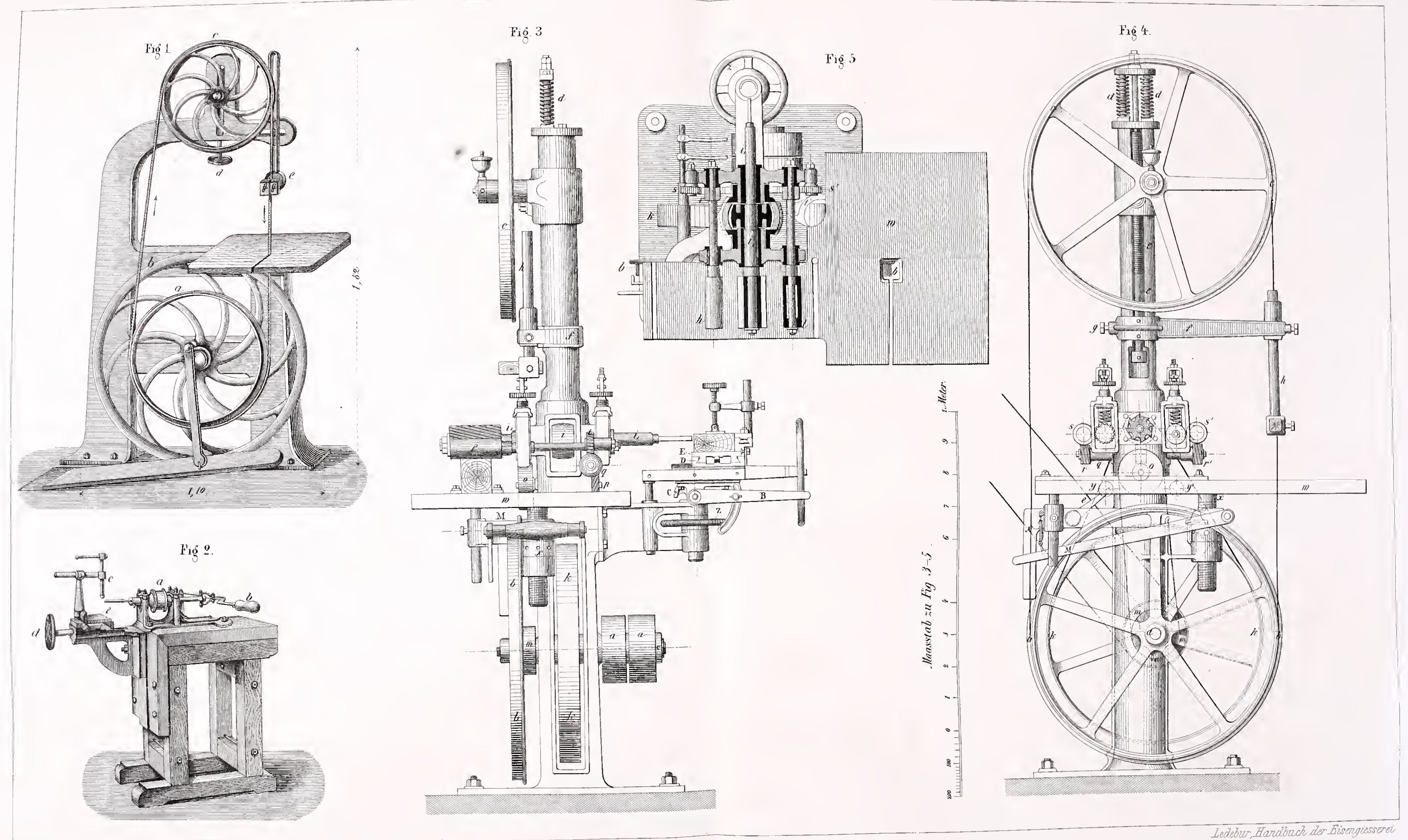


Fig 1.
Fig 2.
Fig 3
Fig 4.
Fig 5
1,82
1,10
1 Meter
Maasstab zu Fig 3–5
Ledebur, Handbuch der Eisengiesserei

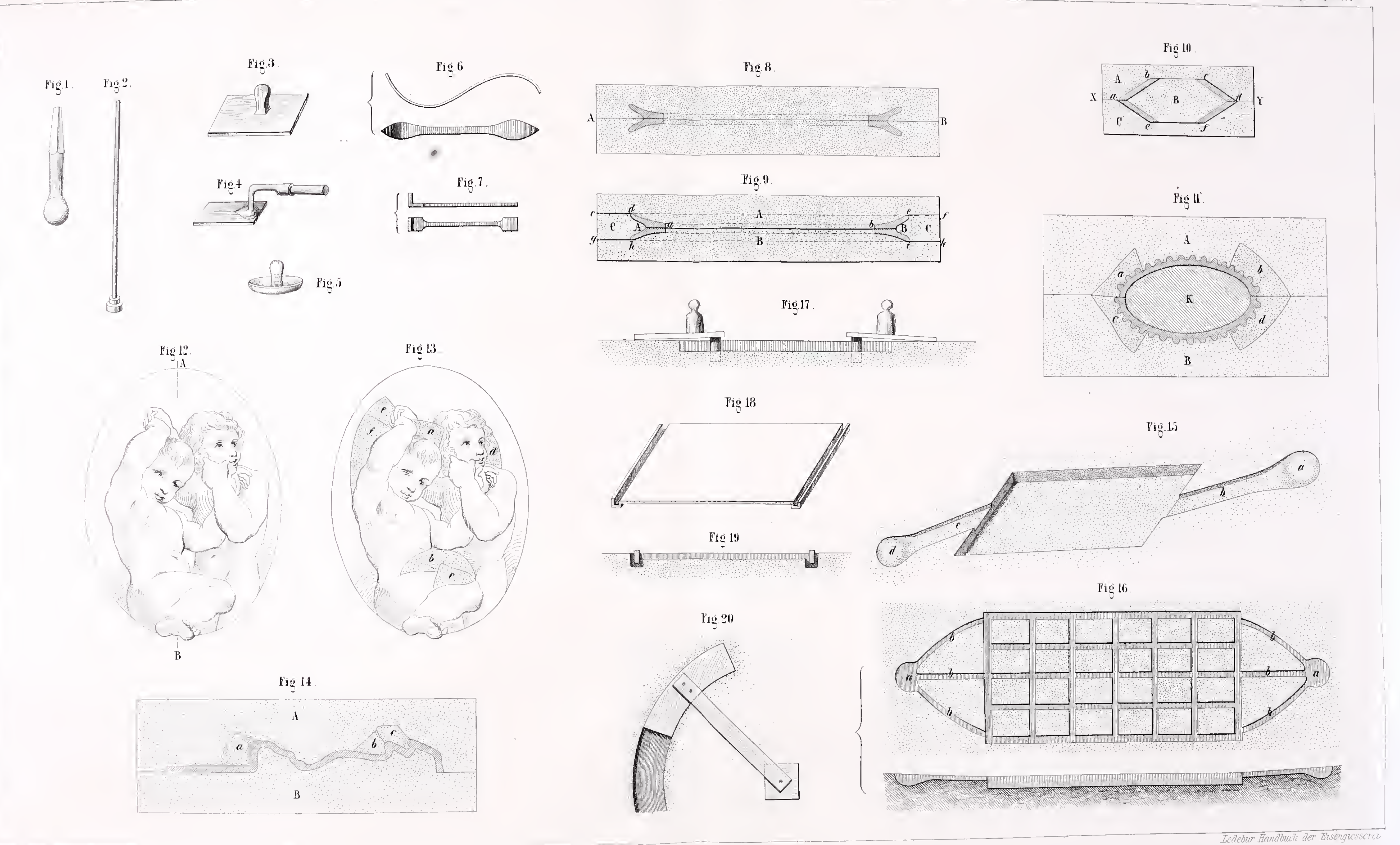
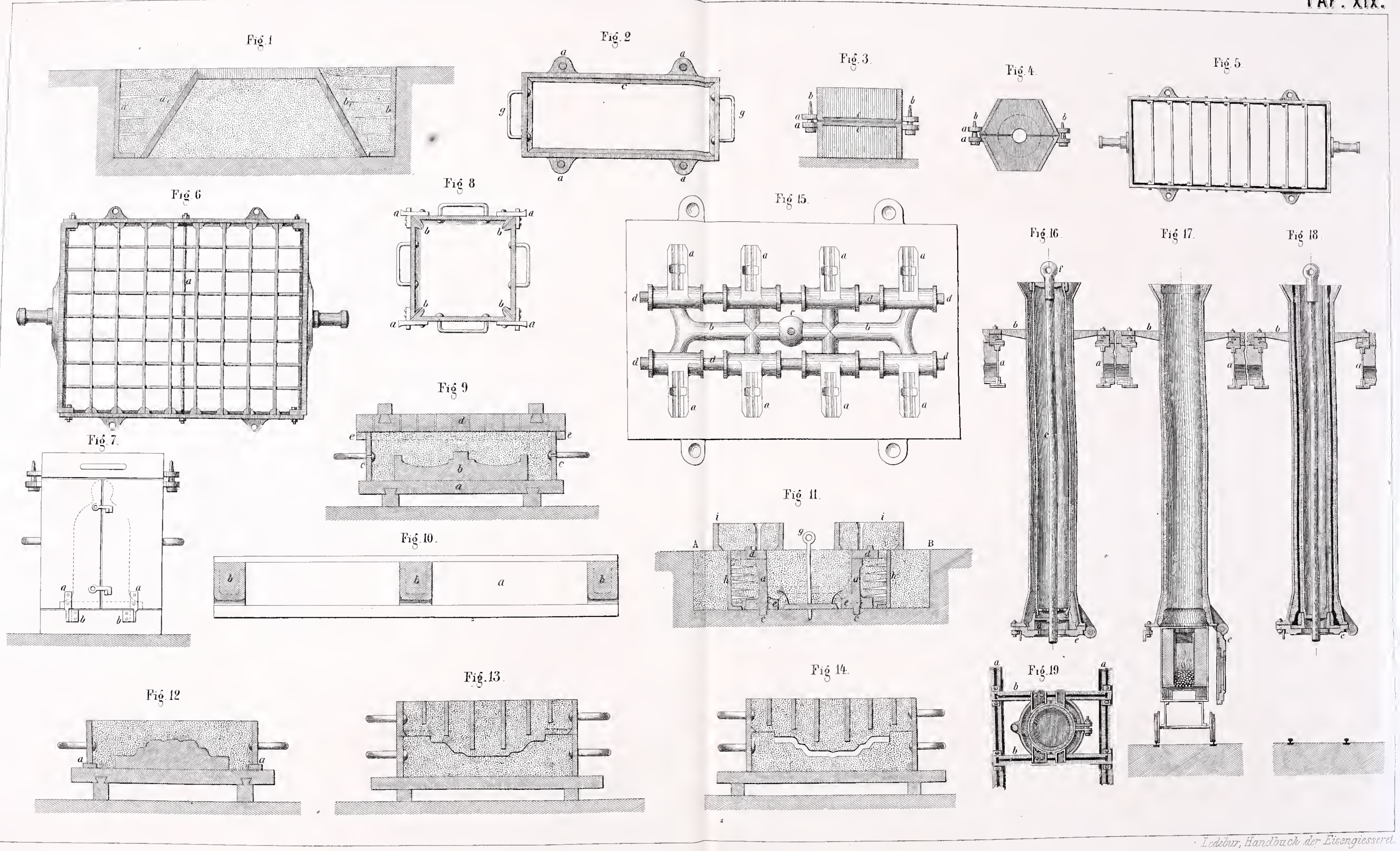
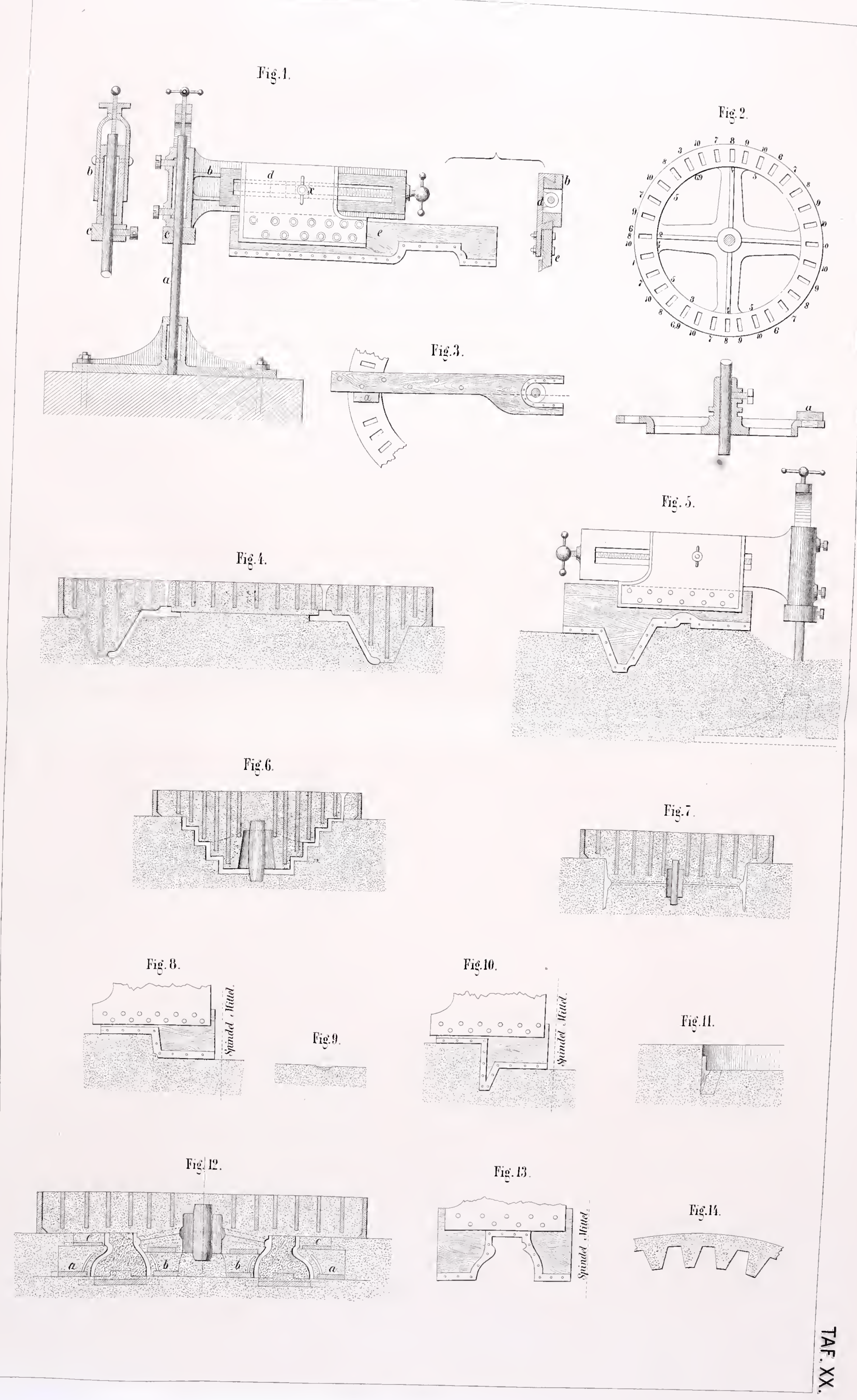
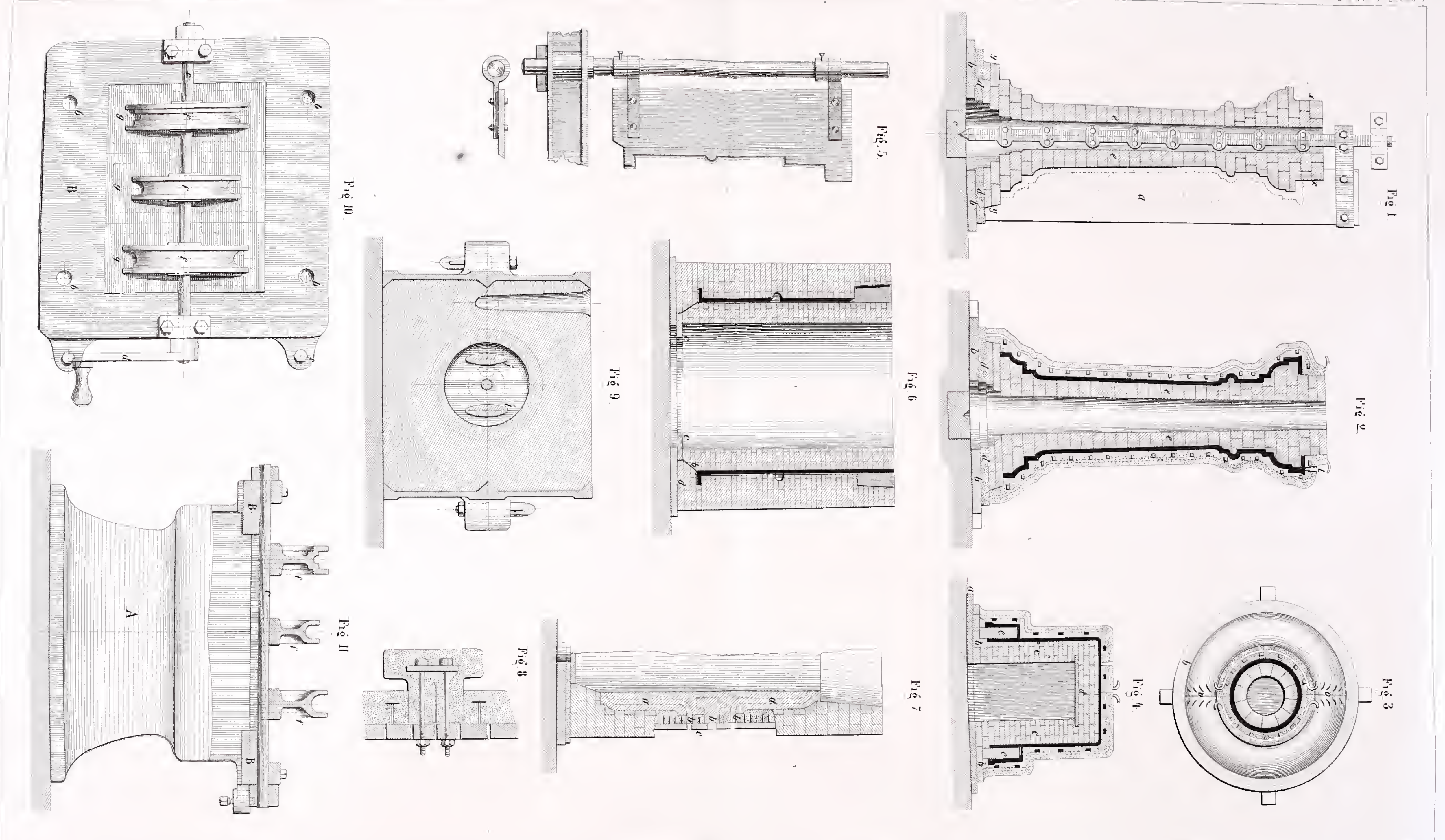


Fig 1.
Fig 2.
Fig 3.
Fig 4
Fig 5
Fig 6
Fig 7.
Fig 8.
A
B
Fig 9.
Fig 10.
X
Y
Fig 11.
K
Fig 12.
Fig 13.
Fig 14.
Fig 15.
Fig 16.
Fig 17.
Fig 18.
Fig 19.
Fig 20.


Fig. 1
Fig. 2
Fig. 3
Fig. 4
Fig. 5
Fig. 6
Fig. 7
Fig. 8
Fig. 9
Fig. 10
Fig. 11
Fig. 12
Fig. 13
Fig. 14
Fig. 15
Fig. 16
Fig. 17
Fig. 18
Fig. 19


Fig. 1.
a
b
c
d
e
x
Fig. 2.
Fig. 3.
a
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Spindel Mittel
Fig. 9.
Fig. 10.
Spindel Mittel
Fig. 11.
Fig. 12.
a
b
c
Fig. 13.
Spindel Mittel
Fig. 14.


Fig. 1
Fig. 2
Fig. 3
Fig. 4
Fig. 5
Fig. 6
Fig. 7
Fig. 8
Fig. 9
Fig. 10
Fig. 11

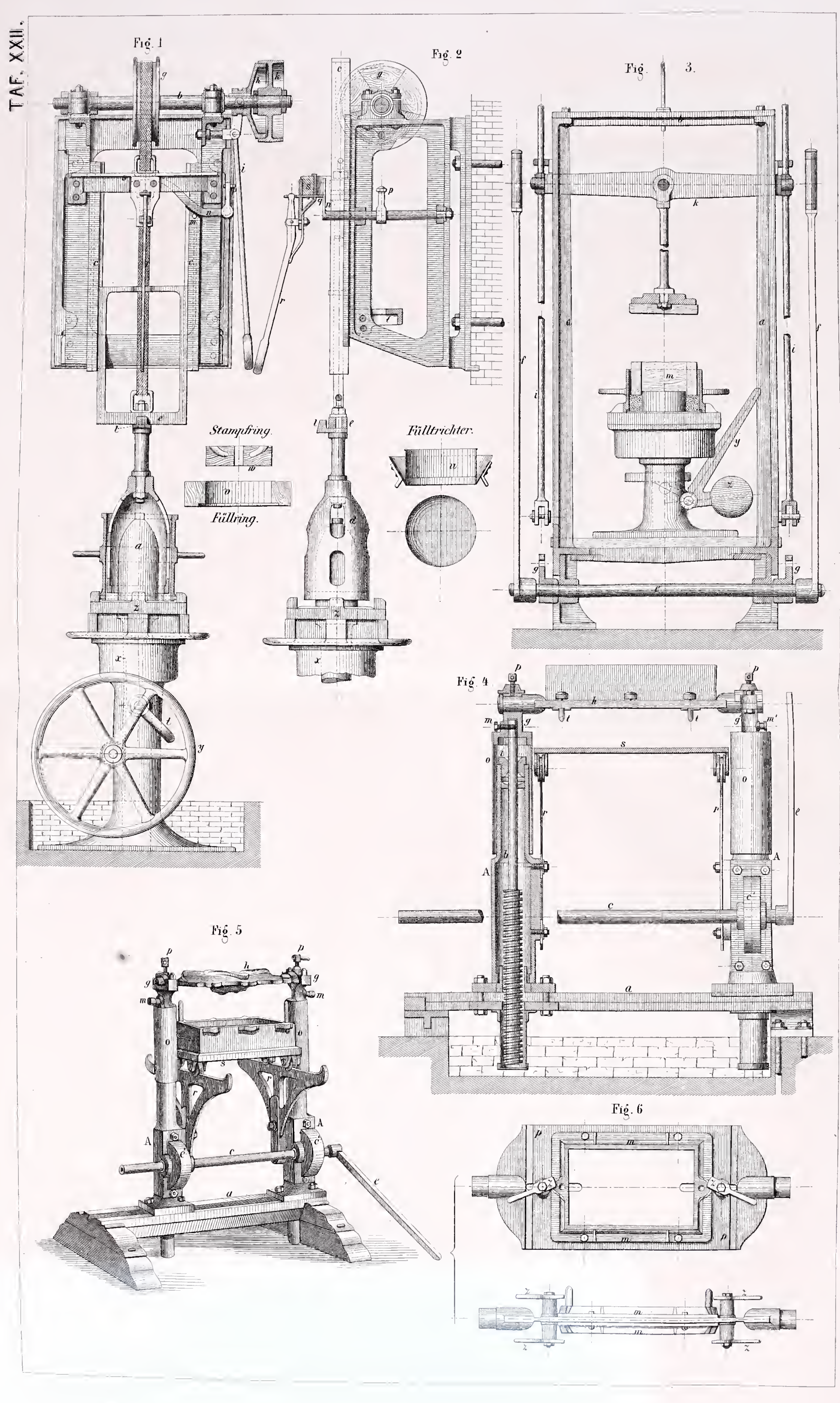
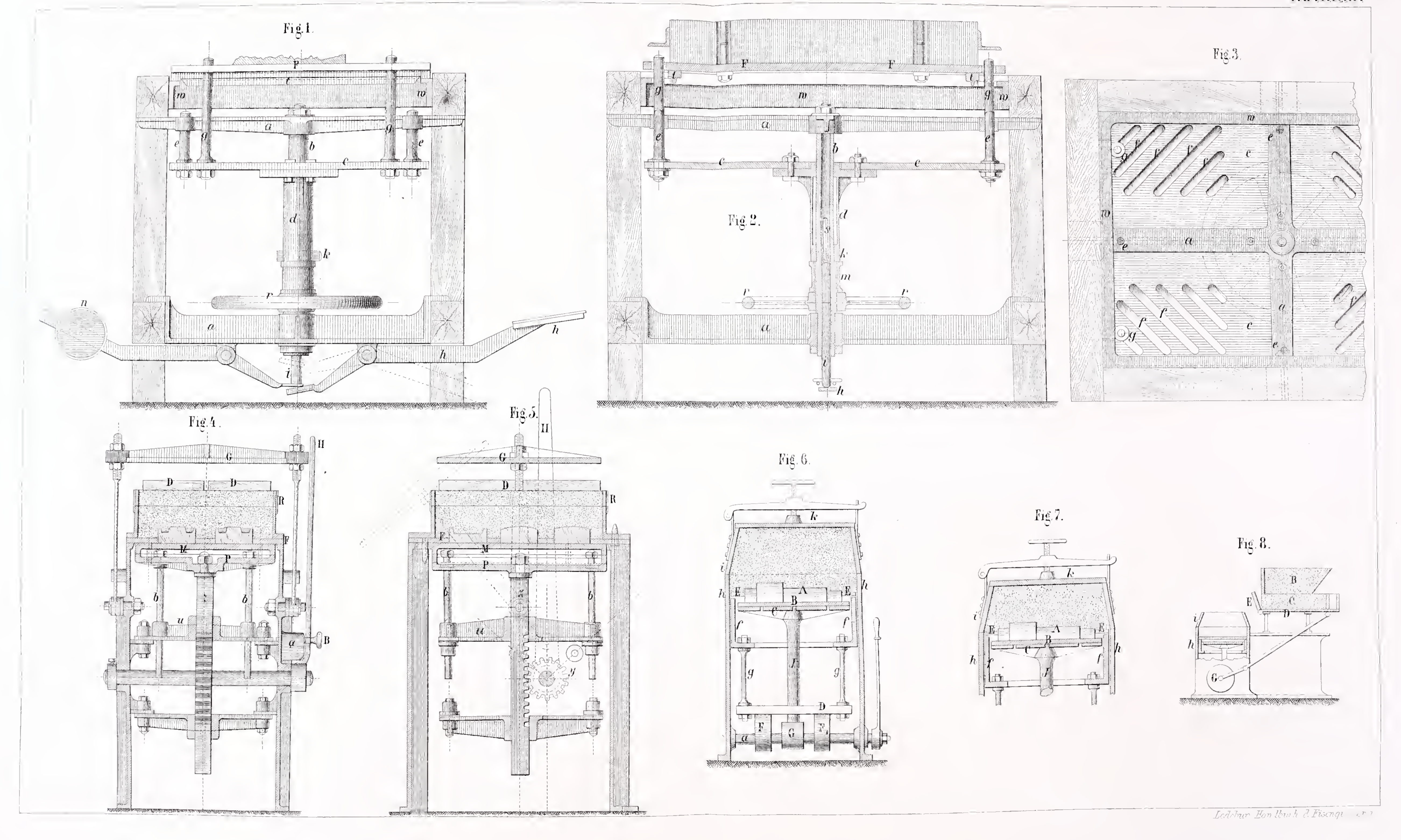
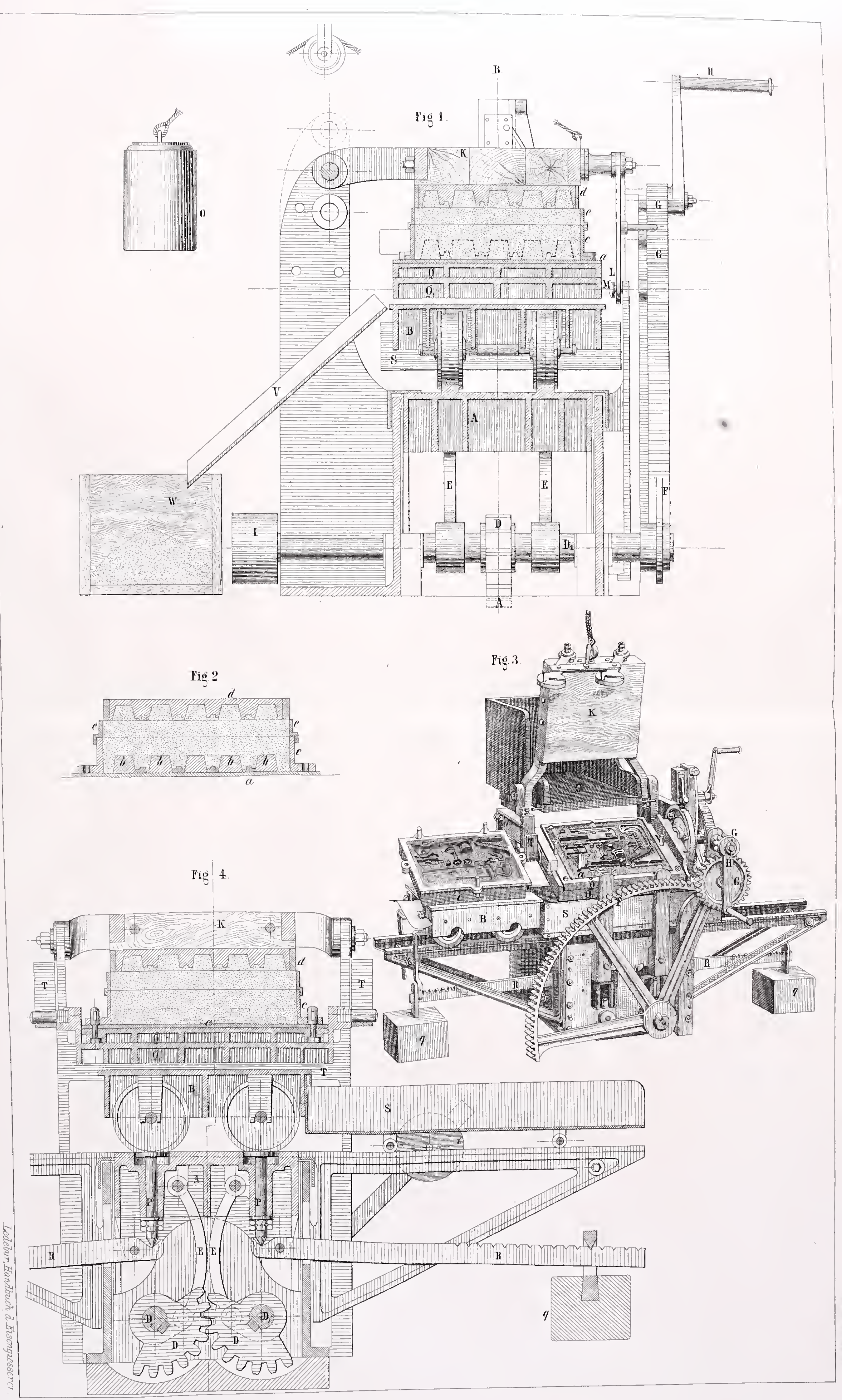
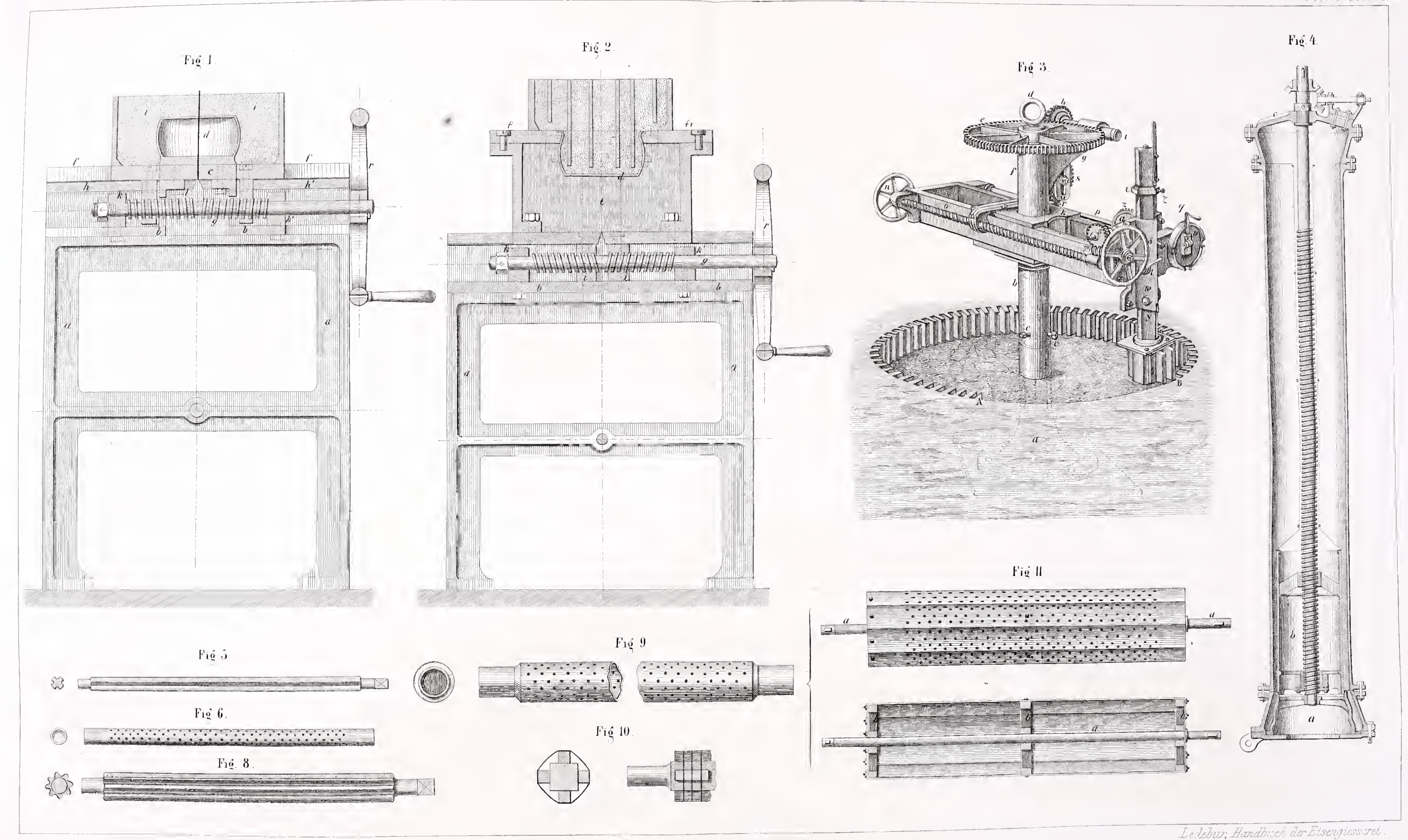


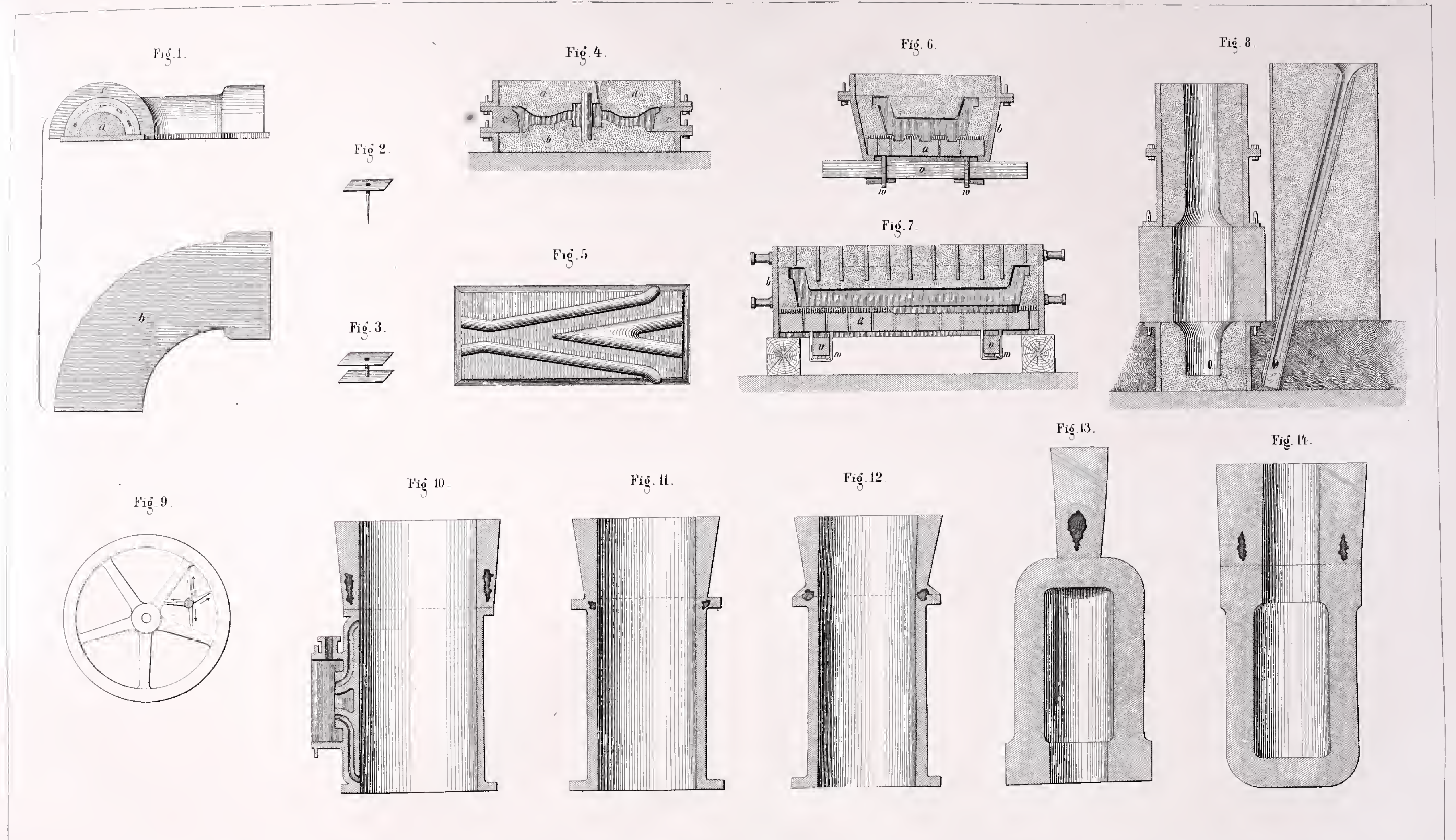
Fig. 1
Fig. 2
Fig. 3.
Stampfring.
Füllring.
Fülltrichter.
Fig. 4
Fig. 5
Fig. 6

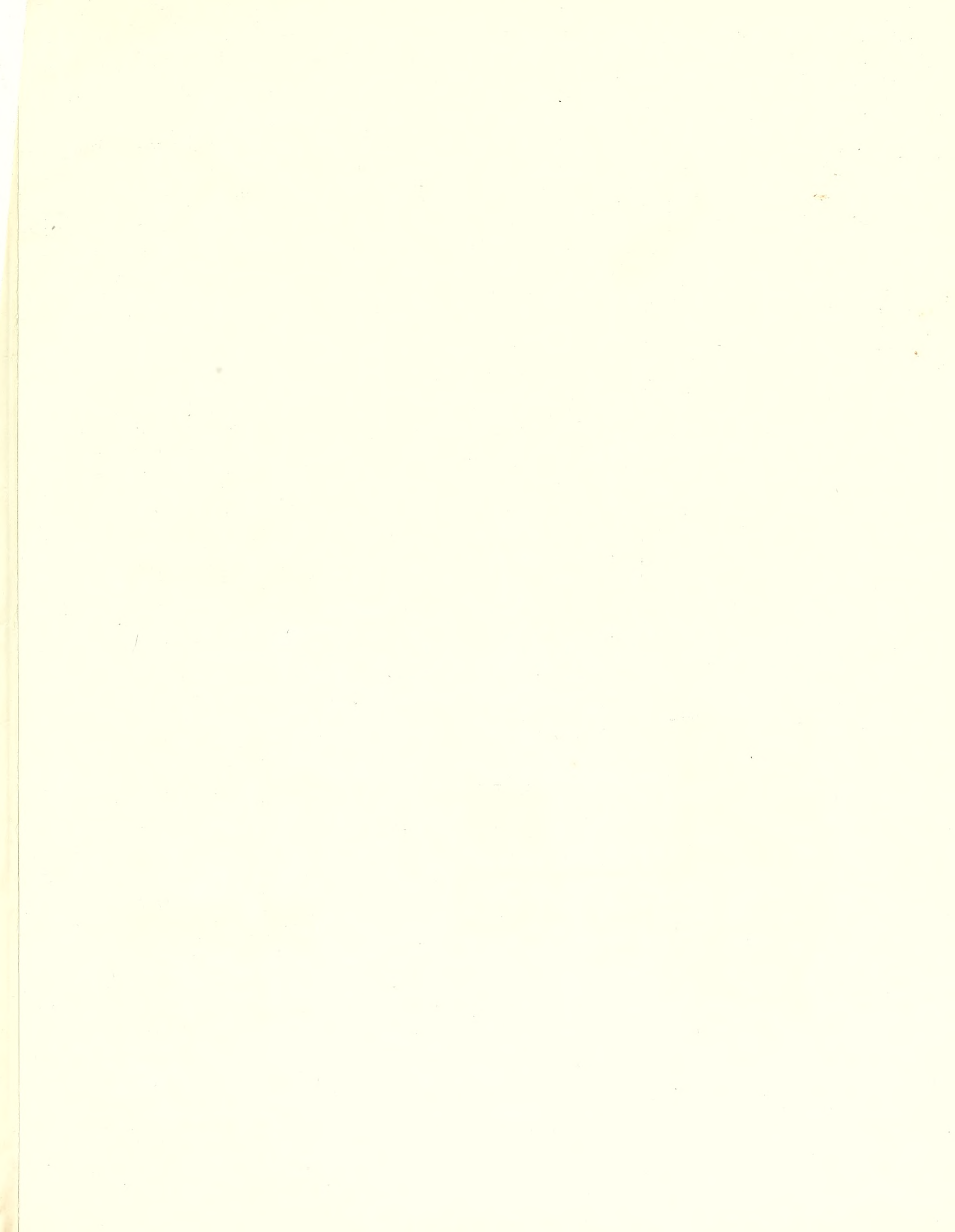

Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.

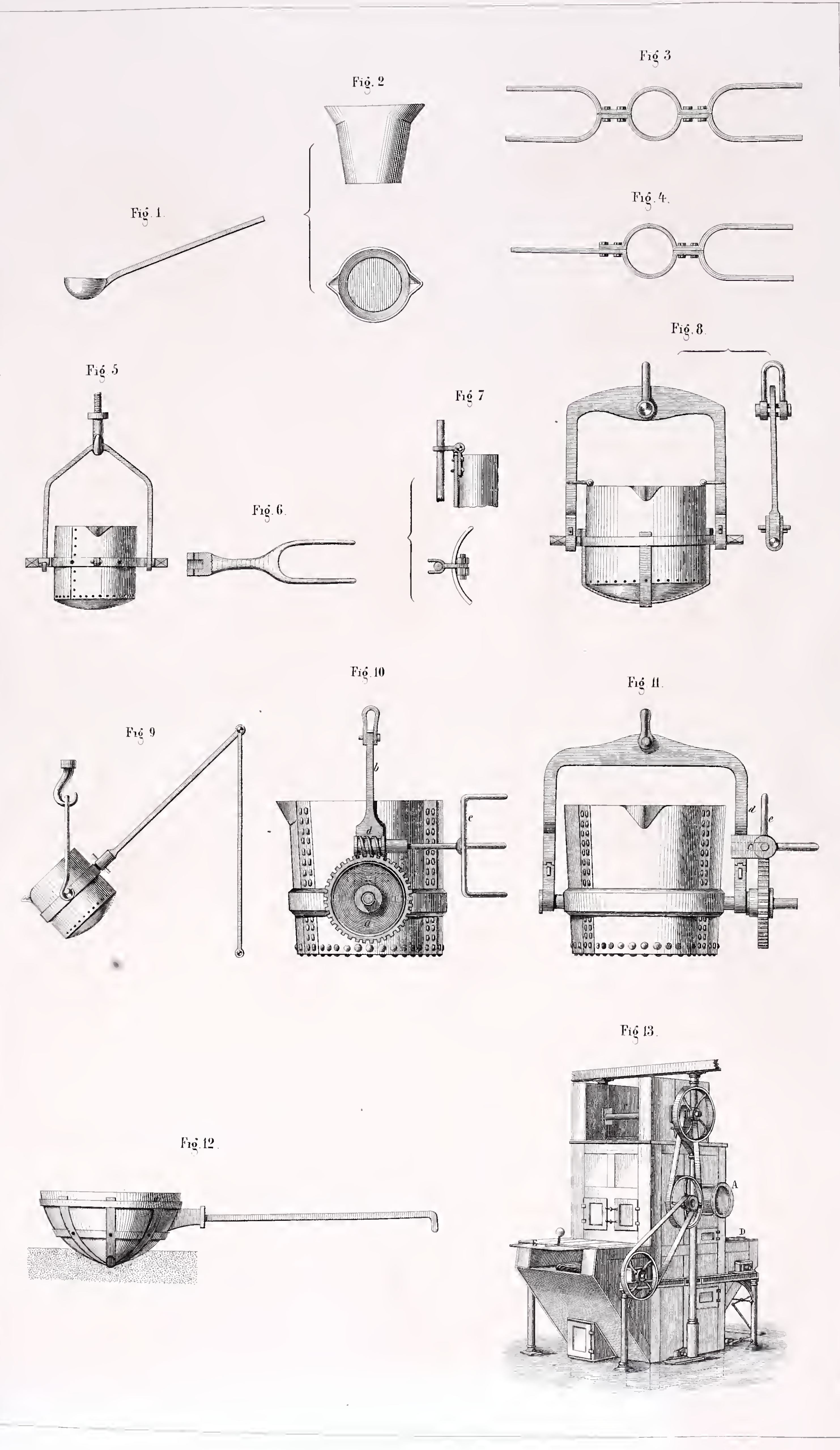


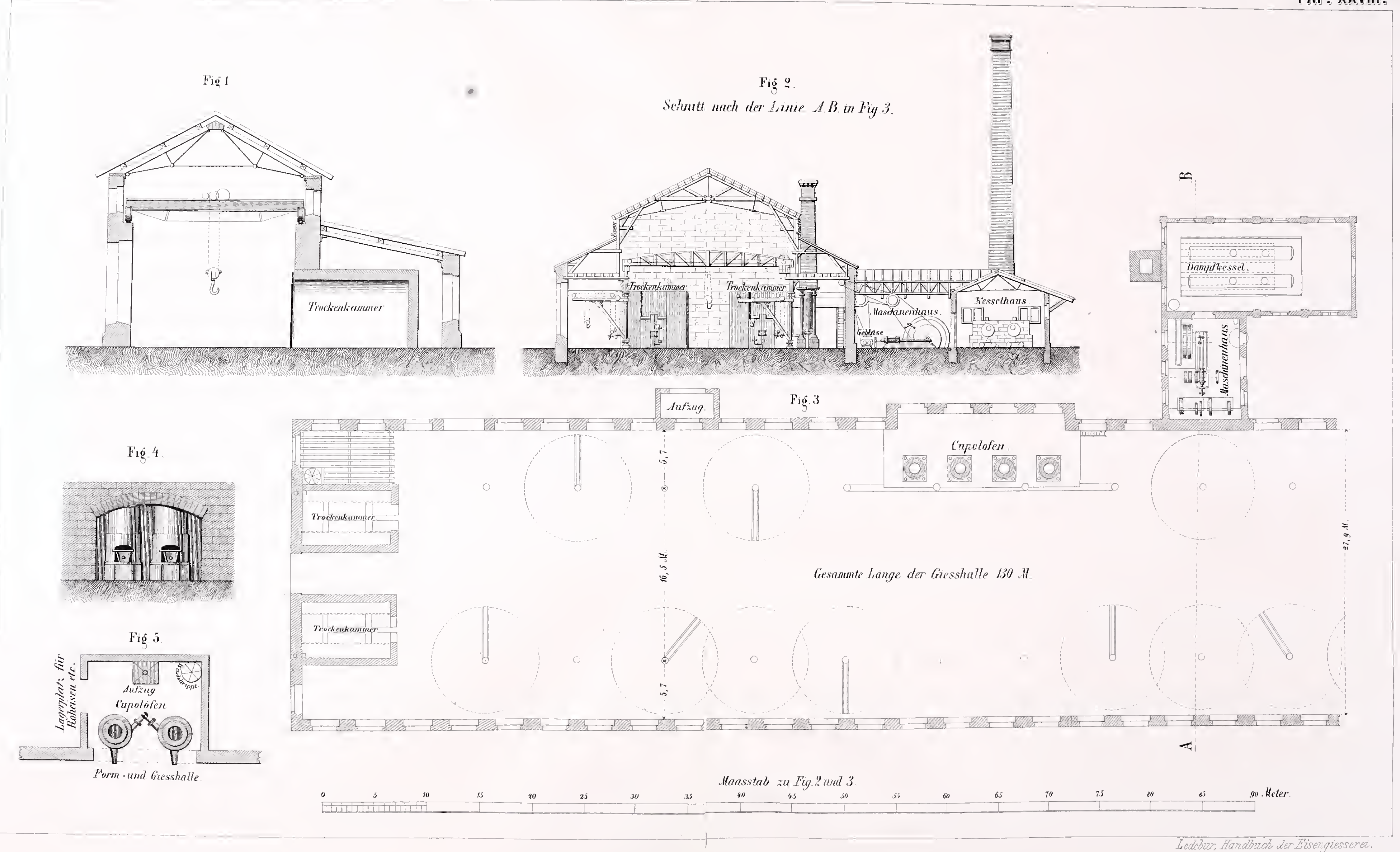
Ledebur, Handbuch d. Eisengiesserei.


Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 8.
Fig. 9.
Fig. 10.
Fig. 11.

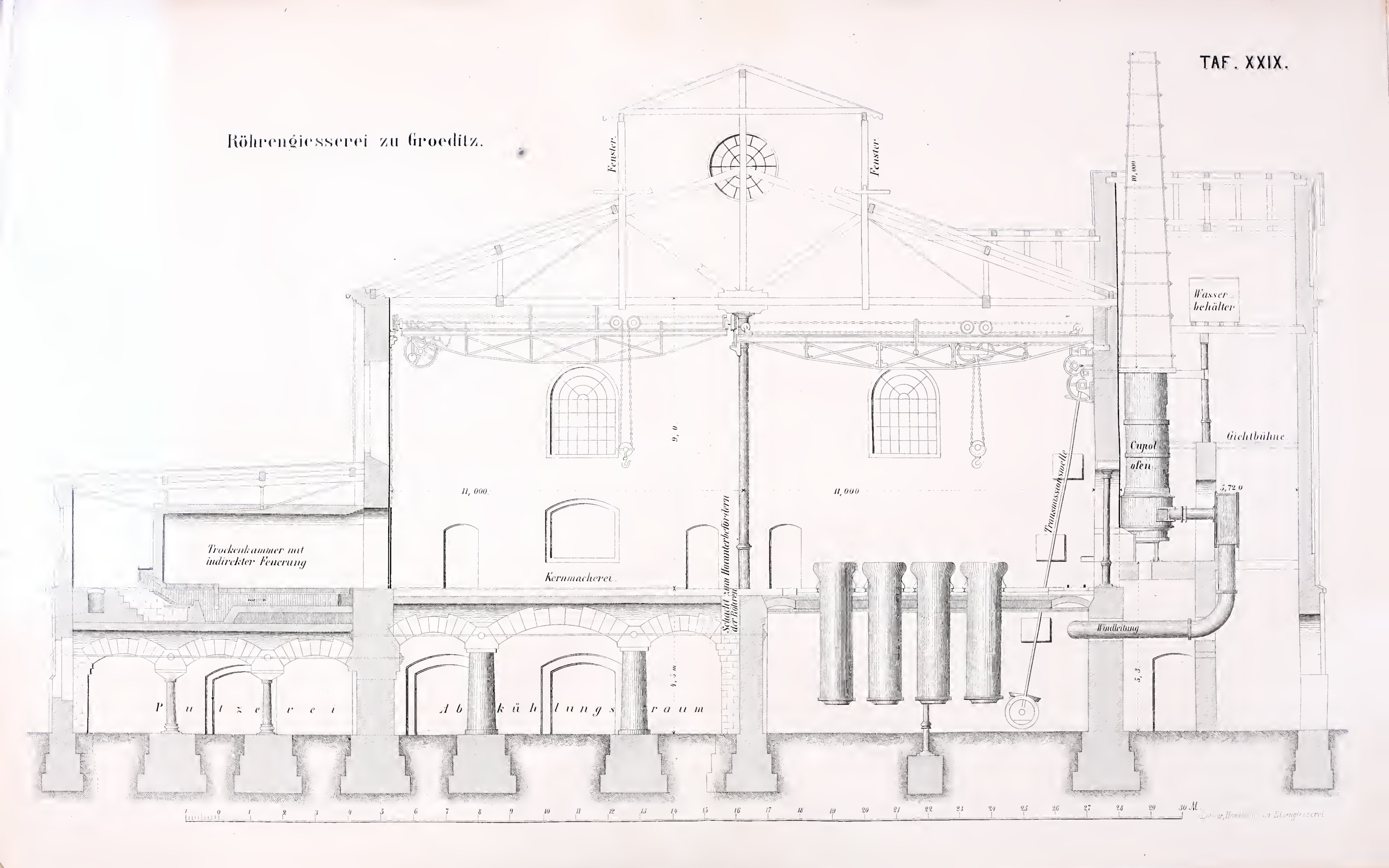

Fig. 1.
Fig. 2.
Fig. 3.
Fig. 4.
Fig. 5.
Fig. 6.
Fig. 7.
Fig. 8.
Fig. 9.
Fig. 10.
Fig. 11.
Fig. 12.
Fig. 13.
Fig. 14.




Fig. 1.
Fig. 2
Fig. 3
Fig. 4.
Fig. 5
Fig. 6.
Fig. 7
Fig. 8.
Fig. 9
Fig. 10
b
d
e
Fig. 11.
d
e
Fig. 12.
Fig. 13.
A
D
E


Fig 1
Trockenkammer
Fig 2.
Schnitt nach der Linie A.B. in Fig 3.
Trockenkammer
Trockenkammer
Maschinenhaus.
Kesselhaus.
Gebläse
B
Dampfkessel.
Maschinenhaus
Fig. 3
Aufzug.
Cupolofen
Trockenkammer
Trockenkammer
Gesammte Lange der Giesshalle 130 M.
5,7
16,5 M.
5,7
27,9 M.
A
Fig 4.
Fig 5.
Lagerplatz für Roheisen etc.
Aufzug
Cupolöfen
Form- und Giesshalle.
Maasstab zu Fig. 2 und 3.
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90 Meter.




TAF. XXIX.
Röhrengiesserei zu Groeditz.
Fenster
Fenster
Wasser behälter
Gichtbühne
Cupol ofen
Trockenkammer mit indirekter Feuerung
Kernmacherei
Transmissionswelle
Windleitung
11,000
11,000
9,0
P u t z e r e i
A b k ü h l u n g s r a u m



Date Due

